

<400> 33470

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gcctcaaatt	cctgggctca	agtgatcctc	tcctctcagc	ctcatgagta	gcaggggacta	180
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<210> 33471

<211> 275

<212> DNA

<213> Homo sapiens

<400> 33471

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ctctctctcc	agactcaaag	ggatcagaga	aggctgaaga	aggtgcagaa	actgaggcac	180
aaaaagaggg	cagtgaagat	gcgggcaacc	tcctgaagc	ccaggagaag	aatgaagaag	240
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<210> 33472

<211> 137

<212> DNA

<213> Homo sapiens

<400> 33472

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cgccccagc	ccctctc					137

<210> 33473

<211> 111

<212> DNA

<213> Homo sapiens

<400> 33473

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<210> 33474

<211> 140

<212> DNA

<213> Homo sapiens

<400> 33474

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<210> 33475

<211> 136

<212> DNA

<213> Homo sapiens

<400> 33475

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 agcaacatca gggcgt 136

<210> 33476
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 33476
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 atatagctaa aatcaccctt gacaaaattc tagagaaggc ataatcatat tggagactgc 180
 cccatcaatt ctgagtagag caggtagtca cttttatgtc cagcgtttga acagatggct 240
 agatggctag ggtgattctt aagttgagt c 271

<210> 33477
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 33477
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 c 61

<210> 33478
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 33478
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 gattgtgagc aagatattta tctctttagc ccttggggat ccagctgaga gcaatctctt 180
 gcattttttt acccgtgtat gtacagatat catttcttgt gtatgccatg acttgaaaaa 240
 gtttggaag ctctttaagc aatatcagct aaaaggrtat graatcacag gtgatagcag 300
 ttgtcattca gtaatttcct acaagcagca cacc 334

<210> 33479
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 33479
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 atcgccaggg tgcacggaac ttccggcgca sgcnctgca 159

<210> 33480
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 33480

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<210> 33481
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 33481
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 gcaggagtga ccaggacact acctcctaga agtaatgccc agctg 105

<210> 33482
 <211> 51
 <212> DNA
 <213> Homo sapiens

<400> 33482
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<210> 33483
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 33483
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<210> 33484
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 33484
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 gagctgctgt cagcctggcc tgt 83

<210> 33485
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 33485
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<210> 33486
 <211> 52
 <212> DNA
 <213> Homo sapiens

<400> 33486
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<210> 33487

<211> 261

<212> DNA

<213> Homo sapiens

<400> 33487

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ccagcgggsa ccaggcgatt gtgagtgcc aaggggctgrg gcctgcgcgc acctgggtctg      180
ctggtgctac cacgcttgaa cagtcttcaa atccactgct attaggcaaa ttacctggct      240
ccgctgaac tccagcacct a                                     261
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<210> 33488

<211> 58

<212> DNA

<213> Homo sapiens

<400> 33488

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<210> 33489

<211> 310

<212> DNA

<213> Homo sapiens

<400> 33489

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tatagtatca ctccctcata gccatcccta aacaccggga ttagtttggt ccggttttgg      180
acttaacttg gatgcaggca tactctcagt atttttgttt ggtttggtct tgctgggtgtt      240
acttcatatg gtatttgtgg gatccacca cattgctgcg ataagctgca ctctattttc      300
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<210> 33490

<211> 320

<212> DNA

<213> Homo sapiens

<400> 33490

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gggggtctct gtgctgctgc tgcagggtgg gctgctgctg cggtgagcgc sgagaccgcg      180
acccccgagg agctgaccat ccttrgagaa acacaggagg aggaggatga gattcttcca      240
aggaaagact atgagagttt ggattatgat cgctgtatca awgaccctta cctggaagtt      300
ttggagaaca tggataataa                                     320
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<210> 33491

<211> 327

<212> DNA

<213> Homo sapiens

<400> 33491

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accaagaagt	acattcactc	ctaatarata	acaaatttgg	agamataaaa	atatcttaag	180
aaragmavaa	agaaaagaga	agaaaggmtt	cacaccatgg	aatgrcaagt	gctcaaattg	240
ctctcagtaa	gtgctcacgg	ggacamcact	gtcagagtgg	tgagcaawca	tctaccacaa	300
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<210> 33492

<211> 397

<212> DNA

<213> Homo sapiens

<400> 33492

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ccctggctgc	tagtggtttg	ccaacaatct	ttaatgttgc	ttgacttgta	gaagcttacc	180
ctcatctctg	ccttcatctt	cgctggcat	tttcccatg	tgmktgtcta	tctacaaatt	240
ccctccttat	aaggacatca	gtcatagtga	atcagggatc	catgctactc	cacaatgacc	300
tcatcttaac	actatatctg	carsaagcca	tatttccaaa	taagaccacc	ttctgacatg	360
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<210> 33493

<211> 69

<212> DNA

<213> Homo sapiens

<400> 33493

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<210> 33494

<211> 51

<212> DNA

<213> Homo sapiens

<400> 33494

tagaaaccgg	caccctctct	gagrpgcaac	agaagcagca	attgtttcag	c	51
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<210> 33495

<211> 253

<212> DNA

<213> Homo sapiens

<400> 33495

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ataagttcct	ggtagccca	tctagcagtc	tgattctgtt	gtctgggaga	aacccccctg	180
cccattgtac	tccatgtgac	ccctggcttt	gccctctggc	agattttcct	tgtttgtttt	240
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<210> 33496

<211> 338

<212> DNA

<213> Homo sapiens

<400> 33496

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 tccgcctccc aggtccakgc cattctcctg cctcagcctc ccgagtagct gggactacag 180
 gcgcctgcc aacagccccg ctaatttttt gtatttttag tagagacggg gtttcaccgy 240
 gtttagccagg atggtctcga tctcctgacc tcgtgatttg cctgccttgg cctcccaaag 300
 tgcygggatt aacaggcgtg ascactgcac acggccgt 338

<210> 33497

<211> 227

<212> DNA

<213> Homo sapiens

<400> 33497

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 caataaaaatt taattctinn ccttcttggc tcatgtttat catcctaaat aaactctctc 180
 atcccatact ctgcctataa aagttcttct cagtcttcaa ggcgacg 227

<210> 33498

<211> 128

<212> DNA

<213> Homo sapiens

<400> 33498

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 tggcggtg 128

<210> 33499

<211> 81

<212> DNA

<213> Homo sapiens

<400> 33499

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 tcatttaggc tgtagagac t 81

<210> 33500

<211> 104

<212> DNA

<213> Homo sapiens

<400> 33500

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<210> 33501

<211> 247

<212> DNA

<213> Homo sapiens

<400> 33501

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agaaaaatTT acattctctc ccaggtaaca tagttctctc aatgtaaact tggaacctga 180
 aaccctactt aatttagaga aagaaatgtc tgagaaatag ttcccttgat ttcttatgct 240
 ggcataca 247

<210> 33502
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 33502
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 atttggacat ctgtctccta ctggcacaac agaattttgg ctgggaaatg agaagattca 180
 tttgataagc acacagtctg ccatccata tgcattaaga gtggaactgg aagactggaa 240
 tggcagaacc agtactgcag actatgccat gttcaagggt ggacctgaag ctgacaagta 300
 ccgcctaaca tatgcctact tcgctgggtg ggatgctgga gatgcctttg atggctttga 360
 ttttggcgat gatc 374

<210> 33503
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 33503
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 acaaggatcg atttctgaaa cgtcatttct cacaggaatt cctcctcttc tgcacagcac 300
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<210> 33504
 <211> 247
 <212> DNA
 <213> Homo sapiens

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 cccaccctcc aggatttggg cgatatggca tctgkgcaca tgaraacaaa gaacttdcca 180
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<210> 33505
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 33505
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 taatcctagc attttgggag gcttgggagc gtggatcacc tgagatcagg agttcgagat 120
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<210> 33506

<211> 326
 <212> DNA
 <213> Homo sapiens

<400> 33506
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 gtcttgctca agtttcccag tgtacgacta cgatccatcc tsnttaaggg atgccctcag 180
 tgcctctgtg gtaaaagtga attcccagtc actgagtcgg tatctgtttc gggcattcag 240
 aagtcatta aaaagagttg aggtcctaga tgagaacaac ttggatcatga atttagagtt 300
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<210> 33507
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 33507
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 taaaaatgag aaaacgaaat tattacaaga ctgcagattg tttggacat 169

<210> 33508
 <211> 274
 <212> DNA
 <213> Homo sapiens

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 ctttgcctt gatctgtcct ttgctgtcca cccacttcc cgaggccaag accttagttg 180
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<210> 33509
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 33509
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<210> 33510
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 33510
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atataaggat	ttataacata	tatttgTTTT	ccatttattt	ttatgaagga	attaaagaaa	240
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<210> 33511
 <211> 331
 <212> DNA
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<400> 33511						
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aagggtggtct	gcctggaatc	tgccacccc	cgcatgggtg	ttggctgccg	cctgagccgg	240
gccttgctca	ctgctgtcac	caacgtgctc	atcttcttct	ggtgcttggc	ttttttgtgg	300
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<210> 33512
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 <212> DNA
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gcaagaatct	tagtgttctc	tttagctccc	cacctttccc	acgcccctat	atgctaagag	180
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<210> 33513
 <211> 144
 <212> DNA
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<210> 33514
 <211> 182
 <212> DNA
 <213> Homo sapiens

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cagatggtct	gggaaagtgc	tgtgcctctg	aggctttggg	ttgtagtcaa	tggcaggaca	180
ga						182

<210> 33515
 <211> 389
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001220 "0066T50"

<213> Homo sapiens

<400> 33515

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gtgccactgc	actgcagctg	gggtgacagt	gcaagaccct	gtctcaaacc	aaaccaaacc	360
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<210> 33516

<211> 371

<212> DNA

<213> Homo sapiens

<400> 33516

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gcctaatagaa	tgttgaccat	ctttatgtag	aggaatthttt	ctthtaatgat	ggagggaata	180
gggaagtata	ttgtatctga	ggagacagtg	tcagcttatt	aaatctaact	gaagaaagta	240
tattthtast	gttaccttcc	accttacttt	tattaaagaa	aatcttggaa	agctagaaga	300
taagatactc	tacaaagtta	ttcattattg	ggaactctca	tctcagaaga	gtgacttaag	360
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<210> 33517

<211> 59

<212> DNA

<213> Homo sapiens

<400> 33517

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<210> 33518

<211> 100

<212> DNA

<213> Homo sapiens

<400> 33518

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atgactthtcc	ystgcatgct	tccttctgta	gcyattgatt			100

<210> 33519

<211> 304

<212> DNA

<213> Homo sapiens

<400> 33519

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gcctacatat	atthtagctgt	ctthtgctatt	aatgatatgt	thgtattgtt	tgctcctgag	120
aayakwaata	tgtctgttcc	attaatgttc	agththththta	thgcattthaat	aaatgcrtag	180
cattgtgcta	agtattctac	tcaaaaaattt	aagataggat	ccctggccaw	caaaaatcac	240
thggggatta	ccarataaaa	caaattgtctg	atgtaattgt	gattgcwagt	agtgttagta	300
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<210> 33520

<211> 167

<212> DNA

<213> Homo sapiens

<400> 33520

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ttgcaaaatg	ctttttctgc	acatgtcgat	aggttcatgt	gatttttctt	ttttagtctg	120
ttaatgtatt	ggattacatt	aatgaatttt	caaattattga	accagct		167

<210> 33521

<211> 225

<212> DNA

<213> Homo sapiens

<400> 33521

caaaagaaaa	caaacaaaac	taacctaatg	tgccatcatat	gccaaatttt	cccatgttta	60
cttaattttt	ttctcttatg	tcatgatttc	aaaaatcttt	tattctgata	attaatgaca	120
gtaaaattaa	tgtacatctt	ggaagactac	ataggcacat	gccacatcga	agattgttta	180
ctgcaagcaa	cataagaatt	ttcctttact	tgtttaattg	ggcaa		225

<210> 33522

<211> 70

<212> DNA

<213> Homo sapiens

<400> 33522

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gatgcagcgt						70

<210> 33523

<211> 236

<212> DNA

<213> Homo sapiens

<400> 33523

gcaacaacta	agtctacagt	aaataaatgg	actttgaaag	gaattcataa	ttttagagcc	60
tctggagatt	atgacaatga	ctgtacaaat	cctataaacac	ctctttgtac	acaacctgac	120
caggttatta	aagggggtgc	tagtattatt	cagtgccaca	ttcttaatga	taagagacat	180
atattaacca	aagataccaa	taataatgtg	gcatattggg	atgtattgaa	ggcaac	236

<210> 33524

<211> 128

<212> DNA

<213> Homo sapiens

<400> 33524

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tttcacactg	catgcctgta	tcacagtatc	tcatgttctc	tgtaaataata	taatcctact	120
atgcaccc						128

<210> 33525

<211> 119

<212> DNA

<213> Homo sapiens

<400> 33525

acttatacat tgtacattat tcttgaatgc ttttcctctg aggtggagaa caaggcaagg 60
atgcctgttc tcaccactta cgttcaacat ggtagmggag gggcctacac acaacatac 119

<210> 33526

<211> 224

<212> DNA

<213> Homo sapiens

<400> 33526

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tgagcgcccc cgtaactctg acacagtagt watttgagcc tctgcaattg ccgtctgctt 120
cctgtgaaag tcctttccgt gccactgac ccttgagtgg gcctttgagc tgctgacttt 180
cagctggaac ttgaaggagc cccaacctg agacactatg gcca 224

<210> 33527

<211> 51

<212> DNA

<213> Homo sapiens

<400> 33527

tcttaagttt ttgctccatg atcaatgaat tatgagttaa tttttgtgtg t 51

<210> 33528

<211> 158

<212> DNA

<213> Homo sapiens

<400> 33528

taaaagtga ctcatactgg attacttttg attgttaaaa ttcctgccag gtaagaacct 60
gtctgaatcc tgtcctgcac agagtggctg gtgaggacat aaagaactat agctttgctc 120
agcttgcaag ccttgccata attttaacct taactgcc 158

<210> 33529

<211> 173

<212> DNA

<213> Homo sapiens

<400> 33529

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tgttccatt attgcaataa cttctaattc caatgccgtt gtgtgatccc attttaaaca 120
cggccagagc agtcttccaa caacatagct ctaatctagt ttcacccca cga 173

<210> 33530

<211> 279

<212> DNA

<213> Homo sapiens

<400> 33530

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gagttctgag gymgagagga ggacagaaga aacaagaggc tggagattgt caaattcagt 120

001220-6667550

atcccagttg gctcttgatt cttggtgaaa ccatccctca gctcctagag ggagattggt 180
agatcatgar actaattacc atccttttcc tctgmtccaa ggctactact aagtttarcc 240
caggaatcaa cagtccgagg aaattgactg caatgacaa 279

<210> 33531
<211> 160
<212> DNA
<213> Homo sapiens

<400> 33531
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cgcctgtaat cccaacactt tgggaggcca aggtgggtgg atcacaaggt caggagttca 120
agaccagcct ggccaatatg gtgaaagtcc gtctctacct 160

<210> 33532
<211> 262
<212> DNA
<213> Homo sapiens

<400> 33532
ccaagatctg tcaacttaata gctgtatgaa aatgagcaag ttattaggtt ctctaagacg 60
ttttcctccc atctgcaatg tgaaaacaaa aataatacct acctcatggc attattgtga 120
ggatttaatg acaacaaata taaaagggtt aaaacaatgc ctgacattta ttaagcaaac 180
accaaatgtg gcctcatttt gatgatgatg atgatgatga tgatgacgac aatgaccatg 240
accacgacaa taatcgagcc ta 262

<210> 33533
<211> 225
<212> DNA
<213> Homo sapiens

<400> 33533
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cagtgacaaa taaaaagaag gaaactcttt tgtcaggtag gtcaagacct gaggtttccc 180
atcacaagat gaggaagccc aacaccaccc cccaccaccc gcacc 225

<210> 33534
<211> 147
<212> DNA
<213> Homo sapiens

<400> 33534
tatcagcaca tagagagagg tttacgtaat ttctctttca atagttgagt ggaggccagg 60
cgtggtggct cacacctgta atcccagcac tttgggaggc tgagaagggc agatcaggag 120
gtcaggagtt tgagaccagc ttggccg 147

<210> 33535
<211> 376
<212> DNA
<213> Homo sapiens

<400> 33535
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cagcattttt	ggagttctga	gtagctgaag	tctggagtgg	gggccagatc	gtgtgaatca	120
aattattgca	ttttatsatg	tcagcagtgg	ggagcaactg	caggggttta	agcaggggaa	180
tgacacacat	gaattttgaa	ggactgctgt	agactgtatg	gagcatggat	taaattggaa	240
ctgaactgta	ggcaggaaaag	ccagttgagg	agattttgca	gtagttcatg	gaagggatga	300
taggtggcct	tgattagagc	agtagctgtg	gggatggaga	aaagtggaca	aattaattag	360
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<210> 33536
 <211> 230
 <212> DNA
 <213> Homo sapiens

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ttgagtagaa	agaagaaaat	aaaaactaaa	aacattaaca	atatccacac	ctttttctat	180
caaacagcat	aacatataga	tgtttggaaa	aatataggaa	aatgtccacc		230

<210> 33537
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 33537						
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aacctgcgcc	tcgccgtccc	ccattcgcac	acccgatgcc	cgggggtcgc	tacggacttr	120
aaatctccgc	accgcaccct	ccacctcaga	aacgttcctg	gatccgaaca	ctgccccctg	180
acgacctaga	gagatccgc	ct				202

<210> 33538
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 <212> DNA
 <213> Homo sapiens

<400> 33538						
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aagagtctag	tttctcacta	ttaactgtga	tattagctgt	agggcctttt	ttggtagatg	180
ttctttatta	agttgaggaa	attatacttt	attcctactt	tgctgagagt	taatcatgaa	240
tggatattaa	attatgaatt	atgtcaaatg	cttttttggt	gtcaatggat	t	291

<210> 33539
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 33539						
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tactctgtga	aataagccgg	tccaaaagg	gcaaactctg	tatgtgtcca	cttatataag	120
aacagtcaaa	tctatggaga	cagaaaagg	aatggtgttt	acaggggcag	gggaggggaa	180
ggggagtga	tgtttatggg	ggatgggttt	cagtttgagg	aggtgaaaag	ttttgtggat	240
aaagggtagt	ga					252

<210> 33540

<211> 232

<212> DNA

<213> Homo sapiens

<400> 33540

taaaaaaaaa agccattcaa gatatttcac cctggtagat attcaagctt tgtgaagtta	60
mattctgagg cactcccagg ctaaagcagt ttgttaattg aagttcctgc aacaactcgt	120
gagatggttg tttggagaac ttcagttgaa ggggaaagca tttgtcctca tattttgaaa	180
aaggctgatc atttttcatt tgagaaagtc tcttttccta agaagggtga ac	232

<210> 33541

<211> 125

<212> DNA

<213> Homo sapiens

<400> 33541

tagcatcaga gagttaagaa ttgaacacaa ggcactcaat attataacct aatcaaggag	60
agcttaaaag tattatatttg atcaatcagc actgctttca aatgcagccc actttttgct	120
ggtcg	125

<210> 33542

<211> 281

<212> DNA

<213> Homo sapiens

<400> 33542

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cttatgcaaa ctcatatagt atgtgctttg atatgtaaac tatttcttta aaatatattc	120
atatacttaa accaaataac accagcagat gcatacaaga gctacctctt gagtcatttt	180
atctcgaacc tcaattccca atgcagaata aattgctccc tcatccatgt tcccatagt	240
ttgtataaag acctgacctc acagtcttat agttcctagt t	281

<210> 33543

<211> 208

<212> DNA

<213> Homo sapiens

<400> 33543

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taacacaatt caaatttcct ccatgggatg gggtgtttta aaaatcttgt ccttgaagtg	120
tgaagacatt ccaggaagtc agtaaagctg cagcctctta agtagctaac aatattttgt	180
ttacccacta atgaaaacca gagcaagg	208

<210> 33544

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33544

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ggctggagtg cagtggcaca atctcggtc actgcaacct cggcctcctg gttcaagcaa	120
ttctgcctca gctcctgag tagctgggat tacaggcaca caccaccatg cccgtcta	178

<210> 33545

<211> 355
 <212> DNA
 <213> Homo sapiens

<400> 33545
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 tgcaccaaag tctctggctt gtttactaac agaggcaaaa ggcattgtctt aggaactgtt 120
 tctgtttctg taagggtacat gaatgggtcaa acaccagtct agagcatctt attgtcaaca 180
 gcaaaataat attttgccca cctgtttgt gacattgagt tgtgacttct atattcaata 240
 gatttttgta aatgttaaaa catctatatt taaatgttaa aacactaaat atagagaggg 300
 gctttatttc aatcatagag caacaacaaa aataatgctt atagctaaac tgcca 355

<210> 33546
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 <212> DNA
 <213> Homo sapiens

<400> 33546
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 tcagccttct aagtagctgg cactaaaggc gcgccagat aatttttttt tttttttttt 120
 t 121

<210> 33547
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 33547
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 tgaacacaca ctgtgtgtat gtatgtttgt gtatatatgt aattataaat atgaatacac 120
 tgtgtttgtg tatatgtaaa caggtacgtg tgtgtgtgtg tatatatata aatagatata 180
 tgtgaaatca ttaaaagagt gc 202

<210> 33548
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 33548
 gaaatgtcat ttgagttttg tgtcacatgg tttgatgaat ttctaggaac ttttttttt 59

<210> 33549
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 33549
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 gtgacacttc ctatagtttc cagttcctgg ttagaatttg caaagttgcc gactatttct 120
 ttgaatagag tagct 135

<210> 33550
 <211> 182
 <212> DNA

<213> Homo sapiens

<400> 33550

cttatatagg	caaaaggagt	taaatgtaaa	aggaacagag	atttaagtac	tataggaact	60
taaagaagg	gctatatcat	acagctggag	gggcttggaa	tagctttgca	gaggcttcaa	120
aggatgtgtg	ggagatagga	gggaaggggc	agagtggaaa	aaagcatgaa	agctggcccc	180
aa						182

<210> 33551

<211> 311

<212> DNA

<213> Homo sapiens

<400> 33551

ttgacaaaat	ccaatatcca	ttcatgttaa	aacctctcaa	cacagaagga	atacaggaga	60
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tgtttccaac	tagacacttt	cctactaaga	tcaggaacat	ggcaagggaac	accacaccac	180
tgcttttcag	cattgtactg	gaagtgtctat	ataatgcagt	gttaaaaaaa	aargaaataa	240
aatgcacata	gatttgaaag	gatgaaatac	aactttgttc	acaagtaaca	tgattgtctt	300
tgtagagaat	t					311

<210> 33552

<211> 334

<212> DNA

<213> Homo sapiens

<400> 33552

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tggcacagag	gaagaattag	ccttgaaaga	tcccttaaat	catctgtaaa	gtacagtgtg	180
catcggaggt	catcagactt	tttctataaa	gaccatatag	taaatatttt	aagctttgca	240
ggccacctgt	ggtctctgtc	acatatgctg	ctttattttc	ctttttaagg	aaagcccttt	300
aagatgtaaa	aaccttttgt	tagctctggg	ccac			334

<210> 33553

<211> 140

<212> DNA

<213> Homo sapiens

<400> 33553

atgtgagttg	ctgcactggc	ctgcaagttt	ckatcttttt	tttcaaattt	ttttgcgtcc	60
ctcccctcta	tcccaacccc	accccatitt	gcctrgggca	ggcttctttt	tatttctttt	120
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<210> 33554

<211> 211

<212> DNA

<213> Homo sapiens

<400> 33554

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gtcttactct	cttgcccagg	ctgaagcaca	gtggcacgat	cacgcctcac	tgcagcctca	180
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001399-02100

<210> 33555

<211> 216

<212> DNA

<213> Homo sapiens

<400> 33555

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ggcatttcta	tttgatatta	aaataacatt	tcaaacatat	aggtaagatg	tacgattatt	180
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<210> 33556

<211> 223

<212> DNA

<213> Homo sapiens

<400> 33556

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gagaaattat	cattttatgg	acaagaaatg	atgaccggga	aattttattg	gagtgtcaga	180
aaagagggcc	atcatttaaa	acatttgcac	atttagccgc	caa		223

<210> 33557

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33557

agagtttcac	cctaagaaga	aaggggaagc	aggtggaaaa	gcaattaaaa	aaaaatcagc	60
atctctctct	aagctattat	ctcctgttag	acacagccca	gaaaatgaat	agagacaagt	120
cctggctggg	tctgggttca	gaaacataat	agaaggattc	atctaaactg	tcggccaa	178

<210> 33558

<211> 66

<212> DNA

<213> Homo sapiens

<400> 33558

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ccaaat						66

<210> 33559

<211> 179

<212> DNA

<213> Homo sapiens

<400> 33559

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caatgatgtt	cyttkgaatc	aaatagtttt	gtaaagtcta	tacatcttag	ggactaaaat	120
gaatctcaw	tcctgcac	caccttactg	aataattaga	ggaatggagt	acggacctt	179

<210> 33560

<211> 291

004220" 0567560

<212> DNA

<213> Homo sapiens

<400> 33560

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aaggctgtcc	cccgaccccc	tagccgctgc	ctatgtaggc	agcaccggcc	cgtccagcta	180
tgtgcacctc	atcgcacctg	ccgggaggcc	ttggatgttc	tggccaagac	agtggccttc	240
ctcaggaacc	tgccatcctt	ctggcagctg	cctccccagg	accagcgga	a	291

<210> 33561

<211> 371

<212> DNA

<213> Homo sapiens

<400> 33561

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ggagtaagac	catgtttcaa	aaacaaaaca	araaaaaaga	aatgcaagtt	agaccaatga	120
agtataatgt	aatgaaatac	aaaaaattca	ttgctatggt	ttcaaattcc	cagtgcattt	180
aacctttaag	atactacgtg	tcaggcctct	gagcccaaac	taagccatca	tatccccctg	240
gacctgcatg	tataaataca	gatggcctga	agcaactgaa	gatccacaaa	agaagtga	300
atagccttaa	ctgatgacat	tccaccattg	agatttgctt	ctgccccacc	ctaactgata	360
cgatatattc	t					371

<210> 33562

<211> 387

<212> DNA

<213> Homo sapiens

<400> 33562

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waaaaccccc	aatacagaaa	cgaggacaag	ttgcttaatt	aatataatg	tgtctactac	120
gccatacttg	caaagtgtga	aaaaaagggt	cagtttgatg	gaacaaattc	cgcatttaaa	180
gagctgaagt	ttttaacass	agtgagacgt	tctcgacgtc	ttcaagagaa	aacttctaaa	240
ttgccagata	tgttaaaaga	tcattatcct	tgtgtgtctt	cattgganng	gctaacggag	300
ttggtaagag	aaactgatgc	ttttgtatgc	cgccctaattg	cagcactgtg	ccgggtgtac	360
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<210> 33563

<211> 311

<212> DNA

<213> Homo sapiens

<400> 33563

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actgaggagg	cccagctcct	cctggggcca	ccaagcccgt	ggttgacggc	ctccccatgg	180
accgggctgt	cchgagagca	gcaagtcagc	cggggccctc	agggccgctg	aggccactgc	240
tcagtgtcgc	cgtaatggaa	acttctcagc	tgggtgtgag	cbgbaacagc	tctgggttcac	300
accctgcgac	a					311

<210> 33564

<211> 169

<212> DNA

<213> Homo sapiens

<400> 33564

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aggcaagacc	cccaggtcta	cttagagcaa	agttagtaga	ggaggcagct	aggcgtggct	120
ctcattcctt	cccacagaat	ggattataag	tcgagcctga	tccagaatt		169

<210> 33565

<211> 97

<212> DNA

<213> Homo sapiens

<400> 33565

aaagccttta	tgtgttaatt	ttttaaat	ttatattttt	tcttgaaaca	tttatactta	60
atattttaat	ttacaaataa	atatgcaaag	aaggggg			97

<210> 33566

<211> 328

<212> DNA

<213> Homo sapiens

<400> 33566

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ctaattttta	aatacagcta	aataaggact	taggccaatc	cctgaaccaa	aaagcaaggt	120
nkgaacctta	atttactgaa	ccacaaacct	aacctcattt	tttaaaaact	gaagtgctaa	180
caactttttt	tttaacacat	atgtctagtg	aagcaatagc	aggaaccaac	acttcatgtt	240
ttctaaactg	agtgaagtag	cagtagcact	gcaagatgat	ttttttaaat	ggaacttcaa	300
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<210> 33567

<211> 170

<212> DNA

<213> Homo sapiens

<400> 33567

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<211> 67

<212> DNA

<213> Homo sapiens

<400> 33568

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<211> 147

<212> DNA

<213> Homo sapiens

<400> 33569

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 ccctatccat ttccccaccc caaaatc 147

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 aatccattta accattgccc agaaataatt atgtgattta atatttgga ttggtgggga 180
 actg 184

<210> 33571
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 33571
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 aaaatactaa atgggttaaaa tagacttgca ggccaatctt aaataggggtg ggg 113

<210> 33572
 <211> 69
 <212> DNA
 <213> Homo sapiens

<400> 33572
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 <212> DNA
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<400> 33573
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 gtgagaccct gtctctacta aaaatacgaa aattggctgg gcgtgggtggc acatgcctgt 180
 ggtcccagct gctcgggagg ctgaggcggg agaatcgctt gaaccggga ggcggaggtt 240
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 taaacacact g 71

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 aatccat 248

<210> 33576
 <211> 66
 <212> DNA
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<210> 33577
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 <212> DNA
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<400> 33577
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<400> 33578
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 cttaccactc acctcccctt cct 83

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 aagattatsy caattgggta ragccagccg ggaatttcgt gcgggtsctr aaggagctgc 300
 gggacccg 308

<210> 33580
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<400> 33580
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 acaggtgtga ttgtatttta ctgtgtgaga aggacatggg atttgggggg gtcaagggtca 240
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<400> 33583
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 cttgaagatc aaaatgcaaa gagagctatt acctatcaaa ttgctaaaaa taggggactt 180
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 agagccagt 249

<210> 33584
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 33584

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gttcaagtga	ttctcctgcc	tcagcctccc	aagtagctgg	gattataggc	atgtaccacc	180
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<211> 264

<212> DNA

<213> Homo sapiens

<400> 33585

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ctaagtctak	ccctscacc	tcccccgacc	ccaacaacaa	gccccggtgt	gtgatgctcc	180
ccttcstgtg	tccaagtgtt	ctcattgttc	aattcccacc	tatgagttag	aacatgcggt	240
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<210> 33586

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<212> DNA

<213> Homo sapiens

<400> 33586

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<211> 195

<212> DNA

<213> Homo sapiens

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cgggagttca	agaccagcct	gatcaacatg	gtgaaactcc	atctctacta	aaaatacaaa	180
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<210> 33588

<211> 100

<212> DNA

<213> Homo sapiens

<400> 33588

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<210> 33589

<211> 224

<212> DNA

<213> Homo sapiens

<400> 33589

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gggtggggag ctcatgacc ccaggrgcat gagccctgcr gccaaagyt cacaaytcyt	180
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<210> 33590

<211> 250

<212> DNA

<213> Homo sapiens

<400> 33590

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atgacactga tttgggtgaa ttatgcctaa tatkatgaa taanacgtt atgcatgtaa	180
atgtcagact aactttgtat attaaagttt aaatacaaac tttattttgc acagctattt	240
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<210> 33591

<211> 337

<212> DNA

<213> Homo sapiens

<400> 33591

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tcataccaat attattcacg ttgaaaatgt ctatgaggag attttacatc agatcctgct	180
tgatgaaact ctgaaagtga taaaggaagc tgctatcttg aagaaacaca acttatttga	240
agataacatg gccttgccca gtgaaagtgt gtccagctta acagatctaa agccccccac	300
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<210> 33592

<211> 175

<212> DNA

<213> Homo sapiens

<400> 33592

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gtgaccttac ttcttctgaa ctcttaaaaa gcatggactg tctcatgaag gtaccagtcg	120
tttgaaagtg tcacatatta cattgtatta ttaggtccgt cccctaacc ccgag	175

<210> 33593

<211> 198

<212> DNA

<213> Homo sapiens

<400> 33593

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ttcttggaag tagggacaat ttctcttcca tgtgcccctt ttcacagat gtgccttcat	120
ccatcaacat ttctgagtca ggtatacgtg ggggtctgaaa attaaaaacc tgggtcaaca	180
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<210> 33594

<211> 124

<212> DNA

<213> Homo sapiens

<400> 33594

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<210> 33595

<211> 175

<212> DNA

<213> Homo sapiens

<400> 33595

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<211> 133

<212> DNA

<213> Homo sapiens

<400> 33596

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<211> 87

<212> DNA

<213> Homo sapiens

<400> 33597

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<211> 272

<212> DNA

<213> Homo sapiens

<400> 33598

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<210> 33599

<211> 179

<212> DNA

<213> Homo sapiens

001220" 656ET550

<400> 33599
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ccagcctggc caacatggtg aaaccccatc tctattaaaa atacaaaatt agccagggc 179

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ggcctacaac tagccttaat tccctctcca gccacctctc tctagtctct ggccaratcc 180
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<210> 33601
<211> 127
<212> DNA
<213> Homo sapiens

<400> 33601
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acaccgc 127

<210> 33602
<211> 187
<212> DNA
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<400> 33602
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tagttat 187

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<211> 262
<212> DNA
<213> Homo sapiens

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accaggagct ggctgagccg tctcactca cctacgtcac ccgctcagag aacagcatct 240
tttttgaggt tgatgggccg cg 262

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<211> 316
<212> DNA
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<400> 33604

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cagccaagcc ccctgctgga ggttttcaac aacggtggac tcttcatcac ccagcacct      240
gccaaggaca gacccaaaga cdcagacagg gagatccaga gatgagagag acattcagag      300
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<210> 33605

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<212> DNA

<213> Homo sapiens

<400> 33605

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attatgtatg aacctg                                     136

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ctcagttcct cgctctgggg tcctgtctgg agcattgctg acagaactgg aatctcctgc      120
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<212> DNA

<213> Homo sapiens

<400> 33607

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<210> 33608

<211> 306

<212> DNA

<213> Homo sapiens

<400> 33608

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 <211> 224
 <212> DNA
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<400> 33610
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 ctacactgta agagctgaac tagtttaaag tgattcttta gatcacttac ctttaatttg 180
 agtcaagttt ttcccagttg gggcacagac cccaaacttc attt 224

<210> 33611
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 33611
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 gcccc 185

<210> 33612
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 33612
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 gaaatttcct gtcgccattt ctcatattag tcacagcaaa aggag 225

<210> 33613
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 33613
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accaccagc	aagcatgcag	ttactgtgtc	ttatttctat	gacagcacia	garatgtgta	360
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<210> 33614

<211> 157

<212> DNA

<213> Homo sapiens

<400> 33614

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ggtacatagt	gatgtcttta	ccagtattaa	agatgaaaag	aacaagtttt	aggaaatgat	120
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<210> 33615

<211> 187

<212> DNA

<213> Homo sapiens

<400> 33615

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gtgagctcta	gactgatctt	tttctaaatc	agaaagtgat	taaagtatgc	acaaccaaag	180
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<210> 33616

<211> 281

<212> DNA

<213> Homo sapiens

<400> 33616

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cttttagctta	gatttcaggg	tcaagagaaa	tcattggcgt	acgtgaaagg	tagagttggg	180
cgagttggga	agttaatggt	gaaaatacag	tgtaaatgtg	gggaggcctc	ccctagcgcc	240
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<210> 33617

<211> 404

<212> DNA

<213> Homo sapiens

<400> 33617

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tctgaccgaa	aaggaatagg	gattccaccc	agggacccta	aagttgataa	cctttgtgtt	180
agcggacatt	cctcttcctc	catgcctcag	gccccagttt	attttctacc	ataaaatcat	240
gctctcaatg	aagtaattga	tatgaatcat	ttaattttata	gcataaattt	aagtcatdba	300
gttggtttcaa	ctagaaggat	ttgcatttta	tcccttgctc	tctattaaag	aaatttcaca	360
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<210> 33618

<211> 274

<212> DNA

<213> Homo sapiens

<400> 33618

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agaaaaagtt ttcacgtaat gaaattaagc aatataatat taatggaaaa cattattctc	120
aggactaatt actgcgacc tttgatgtgt asktgtttgc atttactata tgcacgacat	180
actactgtac aatgaatcgc agtgcagagt aatgatgatt caataaatgt agatctattt	240
tgcataattg cacaacttaa gaaatacaca ctgc	274

<210> 33619

<211> 93

<212> DNA

<213> Homo sapiens

<400> 33619

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ccccctgccc caggcacaca gaagccttga ggc	93

<210> 33620

<211> 415

<212> DNA

<213> Homo sapiens

<400> 33620

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ataaaagcaa gatccaacta tatgcttgcc tacaagaaat agtttgtaaa caaacagggt	180
aaaagtgaag gaatgggaaa agatataata tggtaaccta gtcaaaagca acttgagtg	240
gctatattaa tattaaagta ttttgagag caaggaatat ttccagggat aaagaaggtc	300
atttcattta taatggtaaa gaggtcagtt aagaggacat aatgatgtta catgtttatg	360
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<210> 33621

<211> 170

<212> DNA

<213> Homo sapiens

<400> 33621

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aggaaatagt atctctagt cctaaagagc tcctgtaggc tgtggagcag ccatcctttt	120
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<210> 33622

<211> 337

<212> DNA

<213> Homo sapiens

<400> 33622

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ccatgagggc agggacctta tctgcccttc agggcggaat tcccagtacc aggcacgcag	180
taggtgttcc ataaatgttt gctgaatgac taaaagccca cccaaggaa caaagaaaaa	240
tctctccttt cacacacttc ccagggcctg ctcagtgccct tgctctggaa acagagcttg	300

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337

<210> 33623

<211> 214

<212> DNA

<213> Homo sapiens

<400> 33623

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wggtaaacct	gatgaaccag	cgcctgcaaa	caggctttac	agagaatgaa	gtgctccaga	180
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<210> 33624

<211> 216

<212> DNA

<213> Homo sapiens

<400> 33624

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ctttctgtga	actgcctgcc	caggagctat	gacatgagct	ttgcaagtct	tccaaggac	180
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<210> 33625

<211> 118

<212> DNA

<213> Homo sapiens

<400> 33625

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<210> 33626

<211> 177

<212> DNA

<213> Homo sapiens

<400> 33626

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acctctacct	gtggctcttc	ctctactgca	gcagagacac	tgthttcttc	ctttgttctt	120
ccmaaccccc	atgggaatat	cacagaagtg	aagtgcatt	ctcatcatgt	catatca	177

<210> 33627

<211> 102

<212> DNA

<213> Homo sapiens

<400> 33627

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<210> 33628

<211> 311

<212> DNA

<213> Homo sapiens

<400> 33628

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aaggggatac ttctttttct aagaaataca tcccaccata actgggttact taaaatttta	120
gttattcagc ttaggagaaa ctgtgtgcag ggaagtactg ccacttgat gacaatagac	180
ggtgtttctg tactatatga agtactaagt agttgtggta gccatgattc tgagcaactg	240
ttgccabata aagtttcttt ttttaagaaa acttgcccct gtatttgagg agataattgc	300
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<210> 33629

<211> 189

<212> DNA

<213> Homo sapiens

<400> 33629

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ctctcaaacc cccaacccaa aaccaagcat tttggaatga gtctccttta gtttcagagt	120
gtggattgta taactcatat actcttcgat gtacttgttt ggtttggtat taatttgact	180
gtgcatgac	189

<210> 33630

<211> 105

<212> DNA

<213> Homo sapiens

<400> 33630

ccagaaagtc aggggtctat aaattgacag tgattagagt aatacttttt cacatttcca	60
aagtttgcag gttaacttta aatgcttaca atcttagagt ggctt	105

<210> 33631

<211> 209

<212> DNA

<213> Homo sapiens

<400> 33631

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aatgctgagg tgtgggattc ttggcagggt agaggtgtaa gtcattggcca gtgtgtctag	120
tcaagaaaga wvgagatgat gtcagatgta gggaggattg agaaggaagc aaaggaacag	180
actatacaag ttcttatgag ccattgtcca	209

<210> 33632

<211> 267

<212> DNA

<213> Homo sapiens

<400> 33632

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agcatcagtt ctaaccttgc tcttatctct taattcattc ctgatcttaa ttctgagtgt	120
tcttaattta ggtcaacatg gattgtccaa ctttagataa agattataat aaggataaag	180
aaaatttggg gaaacagatg atacagaaa aattccatat gtatctcctc tcaattctga	240
tgatttctgc cacacagttt ctgacac	267

<210> 33633
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 33633
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 aaaaagaaaa caaaagccag acaaacccaa gttgtccagg caaataaact caaatctttg 120
 tcacgtctgc 130

<210> 33634
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 33634
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 aaggtaattg ttaacatagc aaaatattac cattctattt caaatagaat tgattaatta 180
 gatctgtgaa ttacttttag ccaataaata cttaaataga aatcccatta aacagtctgt 240
 ggtgtgaagg aattggccca ttgttttctt ttccaacaag aacttgatgt tcattttctt 300
 aatagccccg c 311

<210> 33635
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 33635
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 cccgaagctg cgcgctcggt cgaandmgac gaccaccccc 160

<210> 33636
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 33636
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 ctaaaccggag gcccacaaaga tgtcaaagga aaattttgtg aggaccactg tatactacag 120
 cactctaacc gaatatgtgt catcacattg gcagaagm 158

<210> 33637
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 33637
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 accctggcaa ctctgaatga atgtgcctga gttgacttca ctgcc 105

<210> 33638
 <211> 186

<212> DNA

<213> Homo sapiens

<400> 33638

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ttctgttttc tgggataatg taaacatgcc tctgcctttt ccttcaaaag tgggaattaga	120
aagctggagt gcttcttcag atggactaaa tttatgtcgt gtgtgttggt tctttttttt	180
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<210> 33639

<211> 124

<212> DNA

<213> Homo sapiens

<400> 33639

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tgtcctaccg gcggctgaca ggagcctgca acccaggkaa ctgtttatgc tgaggatgga	120
aggg	124

<210> 33640

<211> 157

<212> DNA

<213> Homo sapiens

<400> 33640

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caatactcta tactkkgatg atcacagctg ccaaggctac ctaaaagaag acagttawtc	120
tcatatttgg ctgccagctt tttatcttcc tctcgac	157

<210> 33641

<211> 301

<212> DNA

<213> Homo sapiens

<400> 33641

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tggatacatg agacaggagt tcagaggaag gattaggact ggagattcaa actctgtttt	120
tattttctgca tatgtatttt ctttacagca taagcctaca gggtagaag aatgaactct	180
gagaatgttt ggaggtaa atacatgtcc catattatat gatgatgaac atgcaagtac	240
tgggtctcaat tcagtctgct attttttaaa attccctgat atacattgca aagaggtacc	300
t	301

<210> 33642

<211> 164

<212> DNA

<213> Homo sapiens

<400> 33642

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acttgtatgg aaagagaaaa tgcaatgagc ccagttactg cacttgccac taccatgctg	120
tccatggaac gaataatcag cagttcagtt gtcacaagcc gccc	164

<210> 33643

<211> 249

<212> DNA

<213> Homo sapiens

<400> 33643

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ggggagaata attgactcca ttcaagtgtt cgctcctgtt tcaatcaact atggctgaag	120
agtgakvaga catttggaat aaatatggct tctggggggcc cattcctatg gatcagcagc	180
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ggcataccc	249

<210> 33644

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33644

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agggagaagt aaaagagtga cctgaaaatc ttcctaaagt aatattatct agaaagtgtg	120
agaggtttaa ctgtggctaa caagatttcc tgaagataaa atgttcctgg ggccttgg	178

<210> 33645

<211> 191

<212> DNA

<213> Homo sapiens

<400> 33645

taatgtttta ttttgcata taatttctac attgtccctg agtgtcagaa ctataattta	60
ttccatttct ctctgtgtct gtgccaagaa acgcaggctc tgggcctgcc ccttgcccag	120
gaggccttgc cagcctgtgt gcttgtggga acaccttgta cctgagctta caggtaccaa	180
taaagaggct g	191

<210> 33646

<211> 189

<212> DNA

<213> Homo sapiens

<400> 33646

gaatatttat tcatggcgat taattaaatt atttgcctaa cttaagaraa ctactgtgcg	60
taactctcag tttgtgctta actccatttg acatgaggtg acdvaagaga gtctgagttt	120
acctgtggaa tatgttggtt tattttcagt gcttgaagat acattcacia atacttggtt	180
tggaagac	189

<210> 33647

<211> 328

<212> DNA

<213> Homo sapiens

<400> 33647

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gaattggata cttgtgtctg cctttgaggg gctttcaata tagtaaggga ggtaaggagg	120
taaacaaaga ctgtaataga ggtgaccag ggtgttgcca aacagaagaa gcagtatgta	180
acttttagagt cagagatgat ttcataaagg agcagttacg aggggcagag ttcaggtaga	240
caaatgaga aggaaagaac atgcaaacag aataanhna atgtgcaata gtataatgta	300
atttgaaga acatggctgg ttcgggga	328

<210> 33648
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 33648
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 tggcaaaaat ttgttgaatc ctatcacctt taaatgggtt tactaacagt ttcaaaattt 120
 aaaatttttg ggttgaagtg tgggccaagc taaggtaatt ttggttaagcc taaacacact 180
 cttaaatttg acgatcaca atgcagttct aatgtagcac ttaatggcat caatatttac 240
 acctaccgcg ttt 253

<210> 33649
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 33649
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 atcactacgt gtccaccttc ctgtcgggag tcatgctgac gtggcccgac ggtctcatgt 120
 acacag 174

<210> 33650
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 33650
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 atagagacac aaaaaaccct tcaaaaatta atgaatccag gagctgggtt ttgaaagga 120
 tcaacaaaat tgatagaccg ctagcaagac taataaagaa aaaaagagag aaga 174

<210> 33651
 <211> 436
 <212> DNA
 <213> Homo sapiens

<400> 33651
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 ccccaagtgg aggttgtggg aaccccaact tgaagccagt tggtcagaat ttccagacac 120
 ccagagttac aactgggtgc tgggaggtgg ggcagttttg gggactgagc ccctcgacct 180
 gtggcatcta acactatcta cctggagaca gtagatagtg ggcaacatgg tgagaccac 240
 tatctccaag tagatagtgt cagaataaaa ctggaggaca cctacttggg gtccactgct 300
 tagcgtgtgg gaaaaactct cacacatttg gtcacagdag tcttcttatg tgktgatgat 360
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 atgtaatgct atcata 436

<210> 33652
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 33652

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 atccatttat agccgc 136

<210> 33653
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 33653
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 aataacaaat tgagtatacg tgtagataga aatacagata cagcatatcat acatactata 120
 tgtattttaga aaacacatat gtttacatat gtaattaaga aaaaataggc cgggtgcggt 180
 ggctcatgcc tgtaatccca gcactttggg aggccaagggt gggcggatca cctgagatcg 240
 ggagttcaaaa acccgcttg ccaacatggt gaaaccctgt ctctactara aaatacagta 300
 attagctggg cgtgt 315

<210> 33654
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 33654
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 gtaaggtcag agaggttggc agggcatgcc cctaggggat cttgttttga ttagacctta 180
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<210> 33655
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 33655
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 atgccgga 128

<210> 33656
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 33656
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 atatagcatt gggcaaaaaa gattaaaaaa atttctccct tgtgtggagt gtaccttctg 120
 gtggagaaaag gctaaccaaa taaataagta aatagcatat taagtaatga tagttttctg 180
 gagaaaagca ggaaagtggg ataggagagg tttcagtttt aaacaaaatg atcagacgag 240
 gtgacatttg aacaaatatt tgaaggagggt gaaggaataa gcnnngccta gaacattcta 300
 ggcaacagaa atagcaagnn aaaggccctg aggttgagggt gtgttanggc aagtgaggag 360
 gccagtgaga ttggaatgaa gtgagggggc a 391

<210> 33657
 <211> 217

<212> DNA

<213> Homo sapiens

<400> 33657

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tttaaccaga aattaaaata tcaccctttt cagccctccc atgaagaatt tctaggtcat	120
aaacatgaat aatactcagt atatgtataa tatcatattt aattggtgca acttttcttg	180
gcgtgtttta atcctcatgt ctttgaggga tcccacc	217

<210> 33658

<211> 269

<212> DNA

<213> Homo sapiens

<400> 33658

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aaattttcca aaacttttct ccatttttaaa aaggccctgt tataaacgtt gaactttcac	120
aatgttaaaa tgtaaataat ttggatatag caacttcttt tctcttcaaa tgaatgcaa	180
gatttttttg tacaatgatt aataaatgga acttatccag agaaaccacg caaatgccct	240
gcccaatttc gtttgaggac agaaagccc	269

<210> 33659

<211> 141

<212> DNA

<213> Homo sapiens

<400> 33659

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aaggagtgcc tataatttgc cagtagccac agrttaaaga ttatatctta tatatcagca	120
gattagcttt agcttagggg a	141

<210> 33660

<211> 195

<212> DNA

<213> Homo sapiens

<400> 33660

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ccactgcact ccaacccagg tgacggagcg agaccctgtc tcttaaaata tkttttttac	120
agtgcatttt catgtgtttc aacctcctag tgtccctgcc aaaaatattt taatctgaat	180
caaatcatgg gaaac	195

<210> 33661

<211> 330

<212> DNA

<213> Homo sapiens

<400> 33661

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aagagggggt ggaaaactag atacatggct accaaattaa ggaggcacgc gcattccaga	180
ggaatcgga ttcttcctca ctttttattt ttctagaaag caccctgaa gccaaatttc	240
cattggaaga aaagatgtac ccatattgta tgttgtgaga aggggttgtc tcagcttggg	300
mvggtaagga gactgatacg aagggaagtc	330

<210> 33662
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 33662
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 gtgagttcat gttattttctg attcagatgt aatattagag agactttttt ctgactctgt 180
 tagcctttta attttccaaa tctaagggac cttgtcggta tcatggcccc atcaaattga 240
 gatacacatt gttactttaa taggcagata aatagtttca tccattcatt attgagcatg 300
 tactctgttc taggtattgt ttgggggatac agaacagaat caaatgcata ccttgcttcc 360
 agaagcttgt agtcttt 377

<210> 33663
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 33663
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 gcttttttta tttttgctgc ggatctccta ttacaatgg actccattat gagattcttc 120
 ttctttgttg gtgtattaaa taaacatatt accttatttt aagtttcgat aaaatactgt 180
 ggaagacttt gccaaatfff atatgattgt gacaagtttt ttggggtagg at 232

<210> 33664
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 33664
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 ggccacg 67

<210> 33665
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 33665
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 tgaacttgta acgcttttagt gtcagagctc tagaatgggt gaaggccaga ttcagacca 120
 ggcacgtgta ctcccaagtc tgcttgtgga tccttgaaaag caagggtgag ccataagcat 180
 tgcacctttg agagaactgg tcaaggctca attggaataa tctggagaag cttttctaca 240
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<400> 33666

004220 566EFS60

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agcacccaaa acctcttttt ttttt 85

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<211> 227
<212> DNA
<213> Homo sapiens

<400> 33667
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caataaatta ttgctttcaa tggattgtgc atctgaaaat attcaaatat tkatgcacat 120
ttctcctgcc acaagttcta aattggagaa aaataaaaaac aaaacagttt tccaatattt 180
cacattcaaa tttaattact cagtaattta aaaaaattcc atccaca 227

<210> 33668
<211> 238
<212> DNA
<213> Homo sapiens

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atgcaagtcc cttgggtccat attaaagcac tatgtatagc atattcataa tttttctttt 180
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<210> 33669
<211> 412
<212> DNA
<213> Homo sapiens

<400> 33669
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ttggtaatta aaattttaga aatgattttt agctctaggc cactttacgc aactcaattt 180
ctgaagcaat tagtggtara aagtattttt cccactaaa aaactttaaa acacaaatct 240
tcatatatac ttaatttaat tagtcaggca tccattttgc cttttaaaca actaggattc 300
cctactaacc tccaccagca acctggactg cctcagcatt ccaaatagat actacctgcn 360
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<210> 33670
<211> 297
<212> DNA
<213> Homo sapiens

<400> 33670
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ttcccattga gtttcagata aagcccaaac tcctatccat tcttcccagg tgtgatggg 180
caccctgcc tccagcctcc tcattcccac ttttctcact atgttggctt tcgttttaggt 240
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<210> 33671
<211> 142
<212> DNA

004220" 666ET560

<213> Homo sapiens

<400> 33671

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<210> 33672

<211> 73

<212> DNA

<213> Homo sapiens

<400> 33672

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<210> 33673

<211> 260

<212> DNA

<213> Homo sapiens

<400> 33673

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aattgcccga gtyyyccggg aatgtcttta tcagcagcgt gaaaacggac taatacagat	180
gcccattggc tgctctggaa aacaattgct tatcgaactc tacaccaggc caagggcact	240
gagccatccg cccccagcac	260

<210> 33674

<211> 130

<212> DNA

<213> Homo sapiens

<400> 33674

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<210> 33675

<211> 382

<212> DNA

<213> Homo sapiens

<400> 33675

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tgacagggag cagacttgcy ccaaagtwag ggscrtytga ggaaacgctc ggarggggtt	180
dgggaccctc ctgagaaaag cggctgtcca agggaggggg ctcttgagga gatgaggagc	240
agcaggtctt cggaggggtcg gacgagtaga gatcttgac cgcctggggg aagaaccgga	300
gtcctctgcg ccccatagc tgagctggga tgggagaccc aactggcctg gccgctccgv	360
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<210> 33676

<211> 70

<212> DNA

<213> Homo sapiens

<400> 33676

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<210> 33677

<211> 261

<212> DNA

<213> Homo sapiens

<400> 33677

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aamgmctcgd ttcmaggmtt gtgactcaac aaagggcttt tccattgata gaagcagttt	180
gggatttgta gttgcgactt cttcgatagt tacctgcacg tccattgctg gcaactgact	240
tgtcattaaa acctggctcc g	261

<210> 33678

<211> 68

<212> DNA

<213> Homo sapiens

<400> 33678

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<210> 33679

<211> 437

<212> DNA

<213> Homo sapiens

<400> 33679

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tgcggatttg ggttctgccg tgaaacagct tcaggagttc attcctaaca tcaaggacag	180
ggccaccagc acaatcaagc ggadntaccg ggacgacttg gaacggttta aggaatttaa	240
agcacaaggt gtcgctatta aatttggcaa gttttctgta aaggaaaata agcagttaga	300
gaaaaatgtg gaagactttc tagccctgac aggcattgag agtgcagaca agctcctgta	360
cacggacaga tatcctgagg aaaaatctgt gatcaccaac ttaaaaaagga gatactcggt	420
tagattacac attgga	437

<210> 33680

<211> 125

<212> DNA

<213> Homo sapiens

<400> 33680

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ttttt	125

<210> 33681

<211> 296
 <212> DNA
 <213> Homo sapiens

<400> 33681
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 cggtcttttg cagtgggtcta ccatcacggc aacagtgcga cgggcggcca ttacactaca 180
 gacgtcttcc agatcgggtc gaatggctgg ctgcgcacgc atgaccagac agtcaagggtg 240
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<210> 33682
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 33682
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 tccaggaatt tacattaaca awtttatgty cttctaagag acattactaa taatatctgc 180
 aaag 184

<210> 33683
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 <212> DNA
 <213> Homo sapiens

<400> 33683
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 caaaaaaaaa a 71

<210> 33684
 <211> 315
 <212> DNA
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<400> 33684
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 gtttatggtt aamcttttaa agaaattgsc atactratat ccaaagtggc tataacattt 180
 tatattccca ccagttatgt ataaggattc cagtttctcc akrtcctcaa caacacttga 240
 tgtcaatcat tttttagtag gtatctcatt tgagggtttt atttatattt tctaattggtg 300
 ttgascctt ttcat 315

<210> 33685
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 33685
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 tgaatcgatc aggtcgctg cagtggc 87

<210> 33686

<211> 71
 <212> DNA
 <213> Homo sapiens

<400> 33686
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 tttttttttt t 71

<210> 33687
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 33687
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 gcctgagagg agaacatgaa taggctggaa tttccttcat tgtgttcgtt ctctgaggat 180
 gacttatctg tcctccaaag tgacccca 208

<210> 33688
 <211> 73
 <212> DNA
 <213> Homo sapiens

<400> 33688
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 gaacgggacc gga 73

<210> 33689
 <211> 438
 <212> DNA
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<400> 33689
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 gttgaaatga aaatactggw gttttgatgg gattaattca gtacatttat nrtagactaa 180
 ttcacccaaa atcaacttct aaaaccagtt tgccttaact cacttaactc aatttcagtt 240
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 gatacagkgg ctcatgcctg tatcccagca ctttgggagg ctgaggcggg tggataattt 360
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 acaaaaatta gccaggca 438

<210> 33690
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 33690
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 gt 122

<210> 33691

<211> 352
 <212> DNA
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<400> 33691
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 atatattgca tggtttgagg ttaggaggag ttaggcawat gttttgggag aggggtactt 180
 aattataaaa tattgccttc tttcagcag accttcccca ccctccttta acttattcag 240
 gctagccaac dgaccttcct cctgagaggc ttgttggttc tgattctatt cagttttacc 300
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<210> 33692
 <211> 169
 <212> DNA
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<400> 33692
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 aggaaagatt ggcagtgggg tttgctcttt gccagcactc ctgccggta 169

<210> 33693
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 <212> DNA
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<400> 33693
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 gaahcayagg cycckttamc tacccttttt cattagcctt actttcctct tgcattttat 180
 ccctccaaat agaattcttt gtgcttctct agggagattc cctttgtgtt gaattttatg 240
 agtagtgtaa attgtgtggg ttgcatcata aaacaaagtg cgaacacaca cacaaagtct 300
 tattmgatga rscaagttcc taagmactgt 330

<210> 33694
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 33694
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 ctggtctcat tttaccaac acttgacac ctctagtact tggctttaca agccctagac 180
 tttatcatcc aagttaacac aacagaccct gttgtcctgg cctcaggaca gccatcatcc 240
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 caggggcac 309

<210> 33695
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 33695

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gtgacttgaa	atcacctaata	gcatttagtg	aaaatcgcca	ggactatfff	gattatgagt	180
caaccaatcc	atttacagca	aaattcaggg	cttcaaata	aatgccatct	tcaagaaata	240
ctttgctgac	ccctgcagta	gctgaatgga	gaggatcttt	gagatgggca	gagctttttc	300
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<210> 33696

<211> 359

<212> DNA

<213> Homo sapiens

<400> 33696

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cttccttccc	acactagcct	ccctggggta	tcgctgaggc	agcctggcct	gcacccaggt	180
tccctcacc	cctgccacat	ttctctcttc	tccctcacgc	caactttcct	tttcgccctt	240
ctctctcttt	ctcacatcct	agagacgggc	tttaatacgc	attaaccctg	tgctgccaca	300
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<210> 33697

<211> 287

<212> DNA

<213> Homo sapiens

<400> 33697

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acacaggtga	actccagaaa	gaagaagcta	tggccgcagt	gattctggag	agcatctttc	180
tgaagcgatc	ccaacagaaa	aamgaaaaca	tcacctctaa	acttcaagaa	gcagcctggt	240
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<210> 33698

<211> 254

<212> DNA

<213> Homo sapiens

<400> 33698

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aatgttttgt	cattctactt	gtagaggtct	tttacctcct	tgattagctg	tattccttagg	180
tattacattt	tccttgtggc	tattgtaagt	gggattgggt	tcctgatttc	actctcagct	240
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<211> 331

<212> DNA

<213> Homo sapiens

<400> 33699

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agdsrttatg	tagtataaag	tgctacttag	aaccttcatt	cagggttttta	cagataaaat	180
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tctggaattc attttctcta ataaattcct caggaagagc ttatgggaac agtattcctt 300
gtgttcccct atgtttgarr agtttgtctg c 331

<210> 33700
<211> 144
<212> DNA
<213> Homo sapiens

<400> 33700
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taaataaggcc atacttcgct gtct 144

<210> 33701
<211> 60
<212> DNA
<213> Homo sapiens

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<210> 33702
<211> 57
<212> DNA
<213> Homo sapiens

<400> 33702
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<210> 33703
<211> 129
<212> DNA
<213> Homo sapiens

<400> 33703
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agagagaga 129

<210> 33704
<211> 118
<212> DNA
<213> Homo sapiens

<400> 33704
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<210> 33705
<211> 187
<212> DNA
<213> Homo sapiens

<400> 33705

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gggcttcaca	gcttgagtta	accttgcttt	tccgggaaca	aatgatgtc	atgtcagctc	180
cgccct						187

<210> 33706

<211> 98

<212> DNA

<213> Homo sapiens

<400> 33706

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<210> 33707

<211> 297

<212> DNA

<213> Homo sapiens

<400> 33707

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<210> 33708

<211> 282

<212> DNA

<213> Homo sapiens

<400> 33708

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ttgggtatt	ttgcatgatt	agggatgttc	tgccagggtg	tggtggctca	tgctgtagt	180
cccggcactt	tggtgggcca	gggcgggcgg	attgcttgag	ctcaggagtt	tgagaccagc	240
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<210> 33709

<211> 173

<212> DNA

<213> Homo sapiens

<400> 33709

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<210> 33710

<211> 365

<212> DNA

<213> Homo sapiens

<400> 33710

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<210> 33712
 <211> 216
 <212> DNA
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<400> 33712						
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aatatcaatt	tgattttgtg	tagcaaagga	atakktatt	tttctcccta	gtaatgaaac	180
gtatcaattt	aaataataaa	aggtaaaaaac	acacac			216

<210> 33713
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 33713						
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gttctccctg	aagacgcttc	catttctgct	cttactccat	gtgcagattt	ccaaggcctt	240
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<400> 33714						
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gtaaatgggt	tgccatggaa	taagcctttt	gtgacttaag	atatttggtt	ctggatttca	180
gttgcttcat	ccttaacacg	ttatgttgaa	tctctgagag	gttttttctg	gacctaatgt	240
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<210> 33715

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<211> 267

<212> DNA

<213> Homo sapiens

<400> 33715

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tctgcaagca	acagatttag	caatgacaag	tcagctacat	gaccgatgga	cdttctgaag	180
ctaaagacca	cacctgaatc	agggctgtgg	taatcatctt	accatagctg	taaattgtat	240
caaaacaaaa	aattagtaga	tggacat				267

<210> 33716

<211> 149

<212> DNA

<213> Homo sapiens

<400> 33716

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<210> 33717

<211> 424

<212> DNA

<213> Homo sapiens

<400> 33717

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agaagtgtgg	gttcctggga	ccagcatcat	tgggtgttacc	tgggagcctg	ttagatctac	180
agaatctcag	gcctcaccct	agacctatag	gatcagcata	ttctggaagg	agggccctgc	240
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agtgcatagt	gatctagtgc	gttaagctca	tggacttcca	ccagaataaa	atcaggactt	360
acctcagtgt	aaagctctca	gggccaagcc	tgtgtcatca	ccagcaccct	atgattgtct	420
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<210> 33718

<211> 142

<212> DNA

<213> Homo sapiens

<400> 33718

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<210> 33719

<211> 287

<212> DNA

<213> Homo sapiens

<400> 33719

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<210> 33720

<211> 53

<212> DNA

<213> Homo sapiens

<400> 33720

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<211> 131

<212> DNA

<213> Homo sapiens

<400> 33721

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<210> 33722

<211> 420

<212> DNA

<213> Homo sapiens

<400> 33722

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 gtgttaccca gataccagaa gagacttctc tgtctgttgg agattttaagt atacattttc 180
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<210> 33723

<211> 234

<212> DNA

<213> Homo sapiens

<400> 33723

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 atggmaatgg hrcaagaama aatgaccatg aataaggmat tgagtccaga cgcggctgct 180
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<210> 33724

<211> 136

<212> DNA

<213> Homo sapiens

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atgggtggtg cgggctggtg acacggcata gaggggcagc gaccaacaag gtgtggccta 120
atgcttgagg cccgac 136

<210> 33725
<211> 243
<212> DNA
<213> Homo sapiens

<400> 33725
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agmcacatgc acacgwatgt ttattgcggc attattcacg atagcaaaga cttggamcca 180
hccawatgt ccaacaatga tagactggat taagaaaatg tggcacatat acaccatgga 240
ata 243

<210> 33726
<211> 378
<212> DNA
<213> Homo sapiens

<400> 33726
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kgmatrcaag tggagtatta ctgaagagta caccattggt cttagctatt tttttctctt 180
cctgcagtcc tcttctgccc atgttttctt atacacagca actataaggt gctgaagaca 240
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agggagwtnc tgacagtaga aaggatttat gtagtgtgat tttttgttg ctttctgggg 360
tgaactgtat acttaaca 378

<210> 33727
<211> 166
<212> DNA
<213> Homo sapiens

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<210> 33728
<211> 393
<212> DNA
<213> Homo sapiens

<400> 33728
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gggtcaagatc tgacctgagc tcagcccgag cctcctcagc tttctgcagc tgagcctcca 180
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<210> 33729

<211> 277
 <212> DNA
 <213> Homo sapiens

<400> 33729
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 attaaagaaa aatctattta ccttcgctta tggaaaagaa acbactgtaa tcacagggac 180
 taccagaata tttcaagaaa tgggtgcatct tcccgaacc tgaagaaatt tatagaaaag 240
 cttgtctaga aacaagggtg tggactatcc cgcccat 277

<210> 33730
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 <212> DNA
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<400> 33730
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 ttttcccaaa tcttggtctt aggcagtgtc gtgggagtct tccttagaat tgccttgtga 180
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<210> 33731
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 33731
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 aaccctgcct caaccaaaaa taamataagg tagccaggca tgggtggcacg cacctataat 180
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<210> 33732
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 33732
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 ctgcgcagg ckgcttttgc ttctgc 86

<210> 33733
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 33733
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 atcataaagg cctacatcct tgtcatcttc acattgagga ggaggagtta agggggagat 180

tgatctactg	tcttaggggt	ggcagaggca	gaagaaaatt	cacatatagg	tagacctgtg	240
tggttcaaac	tgtcattaag	ggtcacctgt	atataatttc	tttttccttt	ttatttttag	300
tagagacagg	cttttgccac	gttgcncaag	ctgggtctcaa	actcctgagc	tcaagtgatc	360
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<210> 33734

<211> 148

<212> DNA

<213> Homo sapiens

<400> 33734

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ttgaatattc	gttttctaca	gtgagcatgt	attttgkaac	aatgaaacat	atgcagatta	120
cttgtaaata	aaattatata	tgaggagaa				148

<210> 33735

<211> 298

<212> DNA

<213> Homo sapiens

<400> 33735

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agctaaggag	ctagcaaata	ttaattctgt	aagaccctgt	gcctatttat	gaagaaataa	180
tctttgacat	gctaaattcc	cttttatatt	ctaaaaaaaa	aaaatttaat	gaaacccttc	240
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<210> 33736

<211> 188

<212> DNA

<213> Homo sapiens

<400> 33736

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cactgtcatc	tctctccctg	ccaagtcacg	cacaaaaaag	cccacaacac	cacctgctca	180
gaaaaggc						188

<210> 33737

<211> 196

<212> DNA

<213> Homo sapiens

<400> 33737

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gcgctctgaa	ctttctgatt	atcagatctt	atgtgtttgc	taatataata	aataacaaat	180
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<210> 33738

<211> 190

<212> DNA

<213> Homo sapiens

<400> 33738

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ttgavtagma	gatggagggc	aagatgatat	tctcactagg	ccagtatgtg	ggamtataaa	180
ggcatggatg						190

<210> 33739

<211> 299

<212> DNA

<213> Homo sapiens

<400> 33739

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cactaaaggg	ctttctgtca	atgatttcta	ctccggtttg	gagagctcgg	gatggcttcg	180
ccatatcaaa	gctgttatgg	atgctgcaat	cttcttggcc	avagtaatac	tttatctkct	240
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<210> 33740

<211> 208

<212> DNA

<213> Homo sapiens

<400> 33740

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aagtcaatac	atthttcaatt	actgtaattt	kttaagatct	tctgaattgc	acctgccaac	120
aatthtttaa	ggaatgtgaa	gaaacgttag	acaagaaaag	tccattagag	aacatttcta	180
tagatgttca	tgthtcagata	actgcccc				208

<210> 33741

<211> 88

<212> DNA

<213> Homo sapiens

<400> 33741

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<210> 33742

<211> 287

<212> DNA

<213> Homo sapiens

<400> 33742

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cagcgtaaca	tttcaagagt	ctaaagggtg	ccgggtgtgg	tggctttaat	cccagcactt	180
tgggaagccg	aggtgggcgg	atcgccctgag	gtcaggagtt	cgagaccagc	ctgaccggcg	240
tggagagacc	ccatctctac	tgaaaataca	aaaaattgac	cgagacgc		287

<210> 33743

<211> 234

<212> DNA

<213> Homo sapiens

<400> 33743

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cagcctggac	aatatgatgr	aaccccatct	scaacccaaa	aattagctgg	gcgtgggtggc	120
aggtgtctgt	agtcccagct	acttgggagg	ctgtgggtggg	aggatcgctt	gagcacggga	180
ggcggagggt	gcagagagcc	gagattgsac	cactgcattc	caggccgggc	aaga	234

<210> 33744

<211> 70

<212> DNA

<213> Homo sapiens

<400> 33744

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					gactggatgt	70

<210> 33745

<211> 73

<212> DNA

<213> Homo sapiens

<400> 33745

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					agcagagtaa	cta
						73

<210> 33746

<211> 169

<212> DNA

<213> Homo sapiens

<400> 33746

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gacacaaaca	gtcatattac	caagcacaag	rcagtaatag	tttggtatgc	tataaaagcc	120
ttgaatattc	tctccatttt	taagaagtga	gattcatact	agaaaaacc		169

<210> 33747

<211> 83

<212> DNA

<213> Homo sapiens

<400> 33747

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					cac	83

<210> 33748

<211> 144

<212> DNA

<213> Homo sapiens

<400> 33748

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gatggtcttg	atctcctgat	ctcgtgatct	gcctgcttca	ggctcccaaa	gtgctgcawt	120
acaggcgtga	gccaccgtgc	cctc				144

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 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 33749
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 agaggctccc aaaggatttg atattttgtg aattactgtt taatggttac taaaatcttt 180
 acatttcttt ttatatctga aagtacaggt ttatttactt tgtatcatat tgtgacttag 240
 aacaaatatt agagatgata gtaatctaaa attattactc ctaaataatg gtacactatc 300
 aatttttcbt agattathta tttttattta tgkaaagtat gtttgtaaga 350

<210> 33750
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 33750
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 ttcaataaag tttttgattt agaagtatgg agatgaaact taaagtcttc tgtaatgctg 120
 atattttttt cagtaggggt ggtgatgttg gtgccatagt gagtaggggg agtttgaagc 180
 cacaagtaaa ataaaaattc ttttttttta ctgtcactaa ttttaatttt caaattattc 240
 aagaattgac tggaaagagc ttctttgggc tagctcctga ttctttttga catgacctc 299

<210> 33751
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 33751
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 attgagcacg tgaggtgaga ttttttttct ctgatggcat taactttgta atgcaatatg 180
 atggaatgag accctkttct tgtttccctc tggaagtcct tagtggctgc atccttggtg 240
 cgacg 245

<210> 33752
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 33752
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<210> 33753
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 <212> DNA
 <213> Homo sapiens

<400> 33753
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004220" 666ET560

<210> 33754
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 <212> DNA
 <213> Homo sapiens

<400> 33754
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<210> 33755
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 33755
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 atacayaaaa tgaaatagca tataaacaga aaatcagaac tgagaaaaaa gggtgcacat 180
 gtgttgattt taattcagat ttgcttcctg tktttattga tgcctagtgc aaaatgacaa 240
 atagcatcaa ttatgt 256

<210> 33756
 <211> 430
 <212> DNA
 <213> Homo sapiens

<400> 33756
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 gtttatataa tctctgtata gctcactttc cttatctgta agcaagttaa tagttgtcag 180
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 gactatgtat tgatcattct tgaattaaat cattctgktt gaattaggat cattctktcc 360
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<210> 33757
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 33757
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 aaaaacaaac gtagtgntg ggatctgtt ggagactggg atgggmacaa gttcattttac 240
 ttaggggtca gagagtctcg accagaggag gccattccca gtcctaatac gcaccttcca 300
 gagacaaggc tgcaggc 317

<210> 33758
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 33758

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gtgtctgtag	tcccagctac	ttgggaggct	gtggtgggag	gacgcttga	gcacgggagg	180
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<210> 33759

<211> 225

<212> DNA

<213> Homo sapiens

<400> 33759

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gctgggcgag	aggtgccaag	ggagcttctg	tcccaggagc	caggggatgc	gaaggggcaa	180
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<210> 33760

<211> 355

<212> DNA

<213> Homo sapiens

<400> 33760

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tctccttgct	gtgtctggaa	ctcttccac	tgctatcatc	tagttttgcc	tcttttcaac	180
tcttgcata	atttctttcc	cagcggtctc	acttcttcad	rtctctctac	acccctctc	240
tatgcttttc	cagatttgca	aaacacagat	ctcatcaggc	aacaccttaa	aatccttdgt	300
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<210> 33761

<211> 392

<212> DNA

<213> Homo sapiens

<400> 33761

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ggggcttggt	tgaattttat	gctttcgggc	agccttttct	aaaatgtgtc	ctaaagaata	180
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tctgtatatt	agcatatatt	agtaccttaa	agagaagtaa	tgacgtatgt	tccaagctaa	300
tttggttaat	gtccaagaac	ctagtgttct	gagcagggga	attctgaana	ngggggraatt	360
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<210> 33762

<211> 58

<212> DNA

<213> Homo sapiens

<400> 33762

cacagtgttt	ttggttttgt	ttttctgaaa	tcttggtttg	atcaaattctt	tttttttt	58
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<210> 33763

<211> 361
 <212> DNA
 <213> Homo sapiens

<400> 33763
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 attttgcata atatgccagg ccctattcta ggcaccttga atatattgtc ctttttaatt 180
 ctgttaaatg ctctgaaaat attttattat gttcccttta ccaataatca ttttttagtca 240
 gcaaaactat ctatgattta agagctctgt agatgttggg ctaagactca tgagtgtctg 300
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 t 361

<210> 33764
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 33764
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 ctctcactac gttgctcaag ctggccttga aactactgac cgcaaacaat cctcccacct 120
 tggctgcca aagtgtctgag attacaggca tgagccacca tgttgggctg agtcttaaca 180
 cattttcggt acattttatt ccagggtatt catctcttgg cagtcttaat gaggtatttt 240
 cttatgtgta ttatctatcc taattgatag ttttttctat aaagaaagct acagttgcat 300
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<210> 33765
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 33765
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 ggaaacaatt acagtggcaa aagagaacaa gaggtacct ttagtatca atctatctgt 180
 acacttaaaa aaaaaaaaaa aaaaaaa 207

<210> 33766
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 33766
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 cagtggatat tgggattgaa gccctggcag gcaaccttga ttcttgactg acaatggcac 180
 catactggat ttgatgttac ctgtgggttaa cttcttgggg acccaaactt tacatggact 240
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<210> 33767
 <211> 94
 <212> DNA
 <213> Homo sapiens

004220" 6667550

<400> 33767
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<210> 33768
<211> 259
<212> DNA
<213> Homo sapiens

<400> 33768
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gaaatggaga atcttttttc cttttttctt taaaaacacc catgcttggc ttcttggaat 180
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tctgacccca acgcctccc 259

<210> 33769
<211> 150
<212> DNA
<213> Homo sapiens

<400> 33769
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aattatagtt ttgttataaa tataacttat gagaaaaaaa tttgatagga ataatactgt 120
atattactaa tttttaacta tccctagggc 150

<210> 33770
<211> 189
<212> DNA
<213> Homo sapiens

<400> 33770
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gaaccataa atttagtaca aaacctacta acattatacc atgaatatat tttctttgta 180
aacctggct 189

<210> 33771
<211> 180
<212> DNA
<213> Homo sapiens

<400> 33771
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taataggctg ggcacagtgg ctcacgcctg taataccagc actttgggag gccgaggtgg 180

<210> 33772
<211> 266
<212> DNA
<213> Homo sapiens

<400> 33772

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ggaacagcgc	asctcgggag	cccgttacct	ggctcgcgaa	cacgaagcgg	gagagttcgc	180
caatatggat	gtgacagcgg	ttcccattaa	gcgaccctgg	gatggcacaa	atgaaacaat	240
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<210> 33773

<211> 445

<212> DNA

<213> Homo sapiens

<400> 33773

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ggtgtacncc	aasakytcat	tgagaacggg	ccatgatcnc	gatggcggtt	ttgtggaata	180
gamskbgggg	gaaggtgcnk	araggataga	gaaatcagat	tgttgctgtg	tctgtgtaga	240
aagaagtaga	catgggagac	ttcattttgt	tctgtactaa	gaaaaattct	tctgccttgg	300
gatgctgtkg	atctttgacc	ttacccccaa	ccatgtgctt	tctgaaacat	gtgctgtann	360
sanggggtact	tgagrtttagg	gagtggtgat	gactcttaat	ragcatgctg	ccttcaagca	420
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<210> 33774

<211> 195

<212> DNA

<213> Homo sapiens

<400> 33774

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gtgaaaaaat	attaactaga	tgacgcatg	gttaaatg	cacatcttca	tgaagggatc	180
tttttccagg	aagta					195

<210> 33775

<211> 129

<212> DNA

<213> Homo sapiens

<400> 33775

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tttttttatg	acagtaca	gctgttttg	ttaaaataga	tttaaaat	attttaaa	120
cagggaatc						129

<210> 33776

<211> 417

<212> DNA

<213> Homo sapiens

<400> 33776

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ctcttatagk	yatgaaaaa	tttcaa	catgga	taaaaggatt	taatcagaaa	180
agcattttgga	tatacatatt	tgaaatcata	gcttgccctgt	atgttactag	agtagttgga	240
gagtgga	gtatctatat	tctaaagact	gtttcatcat	ttgggtgaaa	aacbnraaaa	300
agagagtaat	tttgtttaat	agctctttca	caaataaaaa	aaagaatgtt	catckytaga	360

004220" 68627560

gactatcgag atctcatcag gtttacaaca adcttttagat tagcaagctc aatttca 417

<210> 33777

<211> 190

<212> DNA

<213> Homo sapiens

<400> 33777

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aggattcccc	tgccttagcc	accggagaag	ccggtgtggg	attacagggtg	tgtgncacta	120
tgcttggtaa	atttctgtat	ttttagtaga	gacagggttt	cgccatgggtg	gccagggtgg	180
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<210> 33778

<211> 225

<212> DNA

<213> Homo sapiens

<400> 33778

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ccatgttggc	caggctgggtc	ttgaactcct	gacctcaggt	gatctgcccg	ccttggcctc	180
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<210> 33779

<211> 74

<212> DNA

<213> Homo sapiens

<400> 33779

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<210> 33780

<211> 159

<212> DNA

<213> Homo sapiens

<400> 33780

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<210> 33781

<211> 205

<212> DNA

<213> Homo sapiens

<400> 33781

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tcttccctcc	cctgctccgc	aaggcagccc	accccgroct	tgagatccca	ggtttgagga	120
atcvtgctga	gagcgaacag	taggaggatt	ccccaaagct	tccagcttgc	cacctgghag	180
aaggtcactt	tcttttgagc	aaagg				205

<210> 33782
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 <212> DNA
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<400> 33782
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 gtactgattt ttttttctga gtattttcca tccagggttk gttgaaatcc mcagatgtgt 120
 aactcacaaa tatgaagggc tc 142

<210> 33783
 <211> 356
 <212> DNA
 <213> Homo sapiens

<400> 33783
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 cagaggaaaa gtccgaggcg ctggaaccct gcgtccargc gtracgggtca tcccgaagg 120
 ccggccccag tttcatcctt ttatcctgta atctgtcacc atgaccctga caaaagggttc 180
 cttcacctac tccagtgggg aggaatatcg tggcgaktgg aaggagggtg agaaggaccc 240
 ctggggagta tccatgatga acacttcatt tgctggagga caaatacatc rggatatata 300
 gccaaacttta tggatcttca ttttcaactc caggatttaa ttccatatag tgcctc 356

<210> 33784
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 33784
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 aatttctgcc tcccagggtc aagcaattct cctgsctcag ccctcctgag tagctgggat 120
 tacaggcatg tgccaccaca cccagctaat ttttgtattt ttagtagaga tgggggttca 180
 ccatattggc caggatggtt ctgaactcct gacctcaggt gatccgcgcg cc 232

<210> 33785
 <211> 416
 <212> DNA
 <213> Homo sapiens

<400> 33785
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 cccaatttca tatattcaat gagacagggg tccccaaacc ctgggctgca gaccagcacc 180
 agttcatggc ctgttaagaa ccgggctgca cagcaggaga tgagtgactg gcaagtgagc 240
 atcacagcct gagctccgcc tcctgtcaga ttagcagaca ttagattctc ataggattgc 300
 aaaccctatc atgaattatg catgcaaggg atttgggttt cgtcctcctt atgagaatct 360
 aatgcctgat gatctgatgg aacagtttca tcccaatacc attcccagct cctgca 416

<210> 33786
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 33786

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gatatttgaa	gaaagaatga	atgaatatca	tttaacccat	aggagagtta	tttacagaag	180
gctatc						186

<210> 33787
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 <212> DNA
 <213> Homo sapiens

<400> 33787						
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ggc						123

<210> 33788
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 33788						
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cttgaacagc	tttccagggt	attaaataac	attacttttt	gttggtgctg	tttttgagac	180
aggggtctcat	ctatcgatag	cccaggcttk	cgtgcagtg	tgtgatcata	gctcgtgcag	240
ccttgacctc	ccaggcacaa	tccatcctcc	cgcctcagcc	tctccagtgg	ctgggactac	300
agggacacac	caccacgccc	ggctaatttt	tgtatttttt	tggtagagac	aggattttgc	360
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<210> 33789
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 33789						
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cagaatttgt	aaaagatgtg	gctgttattg	ctgaaatatt	tgcatTTaat	ttaatggtag	180
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gtgccctggt						310

<210> 33790
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 33790						
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tagtcttgag	atgctactta	agaatttatt	tcttaagtat	aatctataat	acaaaaaacg	180
accattaaaa	agaaaaaaaa	gttgaagaat	cacctagcag	catgtgaggc	gaccagcc	238

<210> 33791

<211> 210
 <212> DNA
 <213> Homo sapiens

<400> 33791
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 tttctccttc acttatgaag cttagtttgg ctggatatga aattctgggt tgaaaattct 180
 tttctttaag aatggtgaat attggccccc 210

<210> 33792
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 33792
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 aggggtacatg tgcacaacat gcatgtttgt tacatatgta tacatgtgcc atatatattggc 240
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<210> 33793
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 33793
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 gtggagttgt ctgtggtgac accaagtaca ggctgacac cctgggtttga cagaaggctc 240
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 atttcagctt ccagtcatgg nccta 385

<210> 33794
 <211> 373
 <212> DNA
 <213> Homo sapiens

<400> 33794
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 tgaccattgc agtgtaatct gactgctcac tctagagaac acttctgtta tacacaatgc 240
 acatacaaac ataacccta aagcgtagct aactgctccc actagataat tgctgctaaa 300
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 gcattctttt aaa 373

<210> 33795
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 <212> DNA

004230 6657560

<213> Homo sapiens

<400> 33795

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<210> 33796

<211> 389

<212> DNA

<213> Homo sapiens

<400> 33796

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tgttctatat	tatagattaa	gtccaatttt	tttggttgat	tttctgtctg	gatgatctgt	300
ccwntgctaa	aagcgggggtg	aagtctccag	ctattattgt	atggggatct	ctctctctcc	360
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<210> 33797

<211> 173

<212> DNA

<213> Homo sapiens

<400> 33797

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<210> 33798

<211> 246

<212> DNA

<213> Homo sapiens

<400> 33798

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tcaactcctg	cggtgggact	ccggagcagc	gtacaccgcc	cttgccttag	tcctccccaa	180
ggccagggca	gctgtgcggc	ctggcgcggg	ttacttggtg	tggtgcaaaa	agccagaagg	240
agacac						246

<210> 33799

<211> 122

<212> DNA

<213> Homo sapiens

<400> 33799

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tt						122

<210> 33800

<211> 249
 <212> DNA
 <213> Homo sapiens

<400> 33800
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 accgagaccc tcatTTTTtg cgtcattctg ctagtattgt ggcaggaaca attcatatac 120
 aggtgacatc tgatgtgcta gaacaaagaa tagtacagca ggttacagga atacttaaag 180
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 tctttaataa atgatgttgg gaaaactaga tatttacaca gaagaatgaa attaggccct 180
 tgtctctcac cataaaca aaatcaactct tgaaaatgga ttaaataataa gacccaaaac 240
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<210> 33802
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 33802
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 gtgccaccat gccagctaa tttttgtakt tttagttcat ggccatgttg gccaggctgg 120
 tctcaaactc ctgacctcaa gtgatctgcc cgccat 156

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 <211> 300
 <212> DNA
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<400> 33803
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 tttgccatgt tggccgggct ggtctcgagc tctgacctc ggggtggcca cccgcctcgg 180
 cctcccaggg tgctgggatt gcagggtgtg gccaccgtgc ccggccttga ctaccatatt 240
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 <212> DNA
 <213> Homo sapiens

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 aagggtcctg tacatttgca acaggavgtg gtrgaatgag ccct 104

<210> 33805
<211> 368
<212> DNA
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<400> 33805
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accaggtgaa gaaccagggg ccatagtcaa cctaagggtc gagggacakn tctgaggacc 300
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<211> 147
<212> DNA
<213> Homo sapiens

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agaatttgca taagggatca tgtcttt 147

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<211> 303
<212> DNA
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gaa 303

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<211> 313
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<213> Homo sapiens

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agatcattat caatggccct ttctcagttt tgctgctatt agcaatcacc gactgtggta 240
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<211> 328
<212> DNA
<213> Homo sapiens

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ctactgtaat	ttaaccaacc	tgaccagttg	ataagcagtt	acagtatttt	atttacttaa	180
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gtaagatata	tttctcccc	tgaaaatttt	tattcagata	ctaccttggtg	accaacacac	300
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<210> 33810

<211> 56

<212> DNA

<213> Homo sapiens

<400> 33810

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<210> 33811

<211> 378

<212> DNA

<213> Homo sapiens

<400> 33811

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tttgggtccc	aagttgtttt	tgtttttgtt	tttgttttcg	ttttgagacg	gagtcctcgt	180
ctgtcgccca	ggctggagtg	cagtggcggg	atctcggctc	actgcaagct	ccgcctcccg	240
ggttcacgcc	attctcctgc	ctcagcctcc	cgagtagctg	ggactacagg	cgchgnac	300
cacaccgggc	taattttttg	tatkttttagt	agaggcgggg	tttactgwg	ttagccaggc	360
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<210> 33812

<211> 234

<212> DNA

<213> Homo sapiens

<400> 33812

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aggtgtctgt	agtcccagct	acttgggagg	ctgtgggtgg	aggatcgctt	gagcacggga	180
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<210> 33813

<211> 94

<212> DNA

<213> Homo sapiens

<400> 33813

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<210> 33814

<211> 235

<212> DNA

<213> Homo sapiens

<400> 33814

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tcgtttccag	catgagtgtc	tctgctgatg	tggtggccct	ggcgaaaatc	gaaatcaagt	180
tatccgatat	tccagaaggc	aagaacatgg	ctttcaaagt	gagaggcaaa	cccct	235

<210> 33815

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33815

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gtagaactcc	cccaaatacg	catatttaaa	aattattttc	actctattck	tgcttaaaac	120
tgkactcttt	tgcarrrtaa	caattttatc	actgattcag	agttaaaaag	aagactaa	178

<210> 33816

<211> 428

<212> DNA

<213> Homo sapiens

<400> 33816

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agtacccacg	tcgtaggtct	tgggggcctt	tcctgacctc	agtgctttgc	agtacagggg	180
acgtggatct	tggagcagtg	cagtcacagg	ttgagtctcc	ctgatccaaa	atccaaaatg	240
ctgccatgtg	cgggtgctcat	gcctgtaatc	ccaacacttt	gggaggccga	ggcgggtgga	300
tcacctgagg	tcagaagttc	aaaaccagcc	tggccaacat	ggtgaaaacc	tgtctctact	360
aaaarcrcaa	aaattagctg	gggatgggtg	cgggcactgt	aatcccagct	actcaggggg	420
ctgagaca						428

<210> 33817

<211> 129

<212> DNA

<213> Homo sapiens

<400> 33817

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tgcagagatg	aattttatact	gccatcttac	gactatttct	tctttttaat	acacttaact	120
caggccaca						129

<210> 33818

<211> 144

<212> DNA

<213> Homo sapiens

<400> 33818

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cgtctcaaaa	aaaaaaaaaa	aaaa				144

<210> 33819

<211> 186
 <212> DNA
 <213> Homo sapiens

<400> 33819
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 ctatcataga caaatgggtt tatttctggg ctttctagcc tgttctgttg cataccagtg 120
 ccattctgct tttgttactg tagcttcaca gtacactttg aaatcagaga ctttgatgcc 180
 cgcagc 186

<210> 33820
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 33820
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<210> 33821
 <211> 405
 <212> DNA
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<400> 33821
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 ttcctgcaac tggaatgatt tgtttaattc ttctttgaac actgcccttt ctccagtâag 180
 aacactaatg atttgctaata attttttaaa gaaatctgtt tttttaatta gttaagctca 240
 gabttcctct tattttttat cctagagana actgctaaaa gggaatgata tatcagtact 300
 attcttctaa aacaactttt taaaaatgat tatacaaagc caaatatgct cattatataa 360
 aatttagaag caaaaagaag gaaataaaaa ttttcataa ttcta 405

<210> 33822
 <211> 371
 <212> DNA
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<400> 33822
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 ttttaaagaa tttaagcccc cctctttgct ttttaaaat ttgtctgatg tttccttatg 180
 attagaatca ggttatgcct tgtcatccag gtgatgtttt gtccttgagt tatcacatct 240
 gcaggcacat aatgtccatc tcccactcat ggtgatgtaa attttgatct ccagggtcaag 300
 gcattgtcta atttttcctt tgtgtaggta ctgtttttcc ttttaaagca ctgagtaatc 360
 agtgggaaca a 371

<210> 33823
 <211> 318
 <212> DNA
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<400> 33823
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cagagtgttg	accacctttc	tcacacagttt	ggccttgctg	gttcagggtg	agttttctac	180
tacctctgtc	cgggagtttt	agaggttcac	taacatgctt	cctgaccctg	cttttatgtt	240
aaatggttgt	cagtgtgaga	gaaataaaaag	tctcgggcaa	aacgcagcaa	aaggcatctc	300
cacactttca	caccccc					318

<210> 33824
 <211> 151
 <212> DNA
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<400> 33824						
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ctttatttga	catggaacct	aaaatagaag	ataagatctt	gatattctgt	acaagttgat	120
gtaataccct	gatgcgtttt	agaggactag	a			151

<210> 33825
 <211> 154
 <212> DNA
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ttctcttgaa	tatatcttaa	cgccaaattt	tgagtgcctt	tttgttaccc	atcctcatat	120
gtccagcta	gaaagaatcc	tggtcggag	ctac			154

<210> 33826
 <211> 379
 <212> DNA
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<400> 33826						
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ggactacagg	cgcbcgccag	cacgtccagc	taattttttt	atcttttgta	tttttagtag	180
agactgggtt	tcacagtgtt	agccaggatg	gtctcgatct	cctgacctca	tgatccgccc	240
acctcagcct	cccaaagtgc	tgggattaca	ggcgtgasct	ccgtgcccg	cctccaatag	300
mnrncttatt	tataaaatag	ggattataat	aataactgc	tgatatatgt	tgtaaacaga	360
atagtatgaa	agtaaaatt					379

<210> 33827
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 <212> DNA
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<210> 33828
 <211> 86
 <212> DNA
 <213> Homo sapiens

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 tttgtttttg tgtttttttt tttttt 86

<210> 33829
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 33829
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 ttgaggtatt cagagattct tttggacatt atcagggcaa agaaggtgat acactataaa 120
 aggtttcatg ggagttccag ggaaccctgt gatggtgaca aactgtgacc cagtatatc 180
 ctaaaaatag agagat 196

<210> 33830
 <211> 263
 <212> DNA
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<400> 33830
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 tttttttgct taggtttggc ttgactactt ggtctctttt ttggttccat gtgaatttta 180
 gaatagcttt ttctaattct gtgaaaaatg acattggtaa tttgatagga atatcattga 240
 atccatagat tgctttgggc ccc 263

<210> 33831
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 33831
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 tggctggaaa cttaacggct aatgtggatc tgaccgtagt ttgccaaatt aagaaaacgt 120
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 cctc 184

<210> 33832
 <211> 338
 <212> DNA
 <213> Homo sapiens

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 ggcagaatcc acatccttcc ggtggcaggg ccaaggtccc cactttcttg ctgactgtaa 240
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 <212> DNA

004220-06250

<213> Homo sapiens

<400> 33833

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ctaaagttct	tggataaagc	aagagagcgg	cctcaggtgg	agctcacctt	tgaggagact	180
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gagagggaca	ccatcagggc	tatgctagaa	gcccagcagg	aagctctgga	ggaactgcaa	300
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<210> 33834

<211> 329

<212> DNA

<213> Homo sapiens

<400> 33834

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ctagtgcaga	ggggcttggt	ggcagaggcc	atccccctgt	gagaacaggc	tgtcttgccc	180
ctctgcta	ggtgaaatgt	ccagagccag	gaaatcagaa	atagcgtgat	gtagaggcac	240
ccctgagcac	cggtgctcgc	actagggccc	ctcctgagta	ggcccagcca	cctggcctgc	300
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<210> 33835

<211> 279

<212> DNA

<213> Homo sapiens

<400> 33835

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tttctatcag	tatgatattt	atcagtctct	tttggtaatc	catgactagc	ttcaatcttt	180
gccttatgtt	ggtattaaag	ctatcattct	ttcttgaatt	ttgtagggca	tcatttttgc	240
aaagcaaaaa	gagaatgcac	tatagagtgt	gacccaca			279

<210> 33836

<211> 164

<212> DNA

<213> Homo sapiens

<400> 33836

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agacagggtt	tcaccgtggt	ctcaatctcc	tgacctcgtg	atctgcccgc	cttggcctcc	120
caaagtgtctg	ggattacaag	cgtgagccac	tgctgchrge	catc		164

<210> 33837

<211> 74

<212> DNA

<213> Homo sapiens

<400> 33837

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<210> 33838

<211> 150

<212> DNA

<213> Homo sapiens

<400> 33838

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tcacttctca agatattaag tgractgttt twaaagrcct gcgattaact tctttggtag	120
ctargtaatc acttagttga acttctgggc	150

<210> 33839

<211> 148

<212> DNA

<213> Homo sapiens

<400> 33839

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catgattcaa agcaccatc ttcaagagcc cagcctcatt tcctgacacc tactcagtct	120
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<210> 33840

<211> 166

<212> DNA

<213> Homo sapiens

<400> 33840

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ggagatgaag ttatcttgtg caggctgtgc agacacagcc attttgggac tcagcacttt	120
ccttaattta ctttccatca acctgctcgg aatgatttct ttctct	166

<210> 33841

<211> 175

<212> DNA

<213> Homo sapiens

<400> 33841

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ttctaaaact ttaatgttgt gtcctaaatc tggaggagga aaagcatgcg ctgttgaacc	120
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<210> 33842

<211> 317

<212> DNA

<213> Homo sapiens

<400> 33842

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ctgtgaaacc atctggtttt gtatctttct gttgtgtctg tgttggtggg atgttcaagt	180
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<210> 33843

<211> 50
 <212> DNA
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<400> 33843
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<210> 33844
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 33844
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 aaaccacc 68

<210> 33845
 <211> 157
 <212> DNA
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<400> 33845
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 caaaatctct gttttaaggg gtggcaaggg gactggg 157

<210> 33846
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 33846
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 taaaatccag ggccttggtt gtcaaactat ctttgtcaaa cttctgtcat tgagaagccc 240
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 tttctttctt tttttttttt 320

<210> 33847
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 33847
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 tctcctgccc catattatit tcttatttcc tcttttctca gaaattcccc tttagctttt 180
 catatttctg cccccactgg aaatctgtgg ctcaactgat agactttttt tatctccaac 240
 tttgtccatt tgtcaccttt ttatagcaaa tactactgta caagttaggg ataaaattaa 300
 aatacatatt catcatgtta aaactccatt gacttctata aagtataatt atactttaat 360
 gtgtatttcc acccctcttc tcccccttc 389

<210> 33848

<211> 342
 <212> DNA
 <213> Homo sapiens

<400> 33848
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 tagctttcca gtgtagagg aaaagagatt agatgtccat ctgtggggcg acagtagggc 180
 tgttgatcat tatgggttat ctttttgata gaggaggggt acttactata ggctgtggag 240
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<210> 33849
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 33849
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 caggccagct ggagccagag ctggggactt cgctggaaga gaatggcacc ggctgaggt 120
 caaggagaaa ttgaactaaa ctctcctttg aagactgttt ccagaggccc gttcccgaag 180
 ccggagtccc gaccctc 197

<210> 33850
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 33850
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 ctaccctctg caccctcaag aaacccccag tgccttgat gaagcccacc ccacatggcc 180
 cacagctcct gtgctggcca gactcccaga ag 212

<210> 33851
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 33851
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<210> 33852
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 33852
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 tttgagcaac a 71

<210> 33853
 <211> 97

<212> DNA

<213> Homo sapiens

<400> 33853

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atacatatta gttacttggtg cttttttttt tttttt 97

<210> 33854

<211> 56

<212> DNA

<213> Homo sapiens

<400> 33854

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<210> 33855

<211> 277

<212> DNA

<213> Homo sapiens

<400> 33855

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ctatgccttt ttagttttct taaggatacc aaaatatgtc tgctaaaata ttctctttcc 180
tgcaatagta ttttttaaag gtataattat ttattccatt cttcataggc atactttcca 240
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<210> 33856

<211> 224

<212> DNA

<213> Homo sapiens

<400> 33856

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gatataggtc ttaactgagt aaaagaaaca aacctattct aacctagtat ctcttaacct 120
ctaatacaaa gctgcaatac cggcaaatca tggaattcct caaggagctg gaacgaaagg 180
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<210> 33857

<211> 259

<212> DNA

<213> Homo sapiens

<400> 33857

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tccagcctgg gcaacagagt gagactttgt ctcaaaaaca aaacaaaaca aaaaaatatt 120
tttctcatca ctttctcaag cctggacaaa caacagaaca acaaatccag tcctgagtta 180
tagcatttgc cagtttctgt aatgtaaata ttcccaggat gtctaaattc aagctgtaga 240
cataatatta ctgagaggc 259

<210> 33858

<211> 146

<212> DNA

<213> Homo sapiens

<400> 33858

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catgattatg	tgattgttac	ctccttttagc	ttgtkgacat	gatttyctaa	kattcawtca	120
acttgccayc	cctgcaataa	accccc				146

<210> 33859

<211> 346

<212> DNA

<213> Homo sapiens

<400> 33859

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aaccccatct	ttactgaaaa	aatacaaaaa	ttggccgggc	atgggtggtgc	gtacctggtc	180
ccagctagt	cagaggctga	ggtgggagaa	tctctttgag	cccagatcgc	tccactgcac	240
tctagcctgg	gtgacagagt	gagactcttg	tctcaaaata	aatataaata	aaaatctaata	300
gtggattaaa	cgraagaaat	tgttttctgc	tctactcccg	gcatac		346

<210> 33860

<211> 296

<212> DNA

<213> Homo sapiens

<400> 33860

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ttcacctgtt	ttctttatac	tttaattgta	ctagrcactt	taaaawtwac	ctaaatggkg	180
gcttgkgtda	kattttcattg	gaaagtgcta	ctctgtgact	tttaaaaggc	agcagatgta	240
ttctgtagag	aaagcagtag	ttctattaac	caacctgggt	ttgttttaaa	ttagaa	296

<210> 33861

<211> 138

<212> DNA

<213> Homo sapiens

<400> 33861

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atacatcaaa	ggcagtttta	cctcaagatg	atattgtgta	ctttaacaaa	agtgttaacta	120
ttttttatcc	cccaccca					138

<210> 33862

<211> 265

<212> DNA

<213> Homo sapiens

<400> 33862

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tgatcctgcc	tctttcccc	accatgcaca	catcctgaac	atcatattct	tccttggtca	120
atattaaatt	aaggctctgt	agtaataatg	tgtatgctca	gtgtkgcmaa	aawtaaaatt	180
ttacatattg	atcaagattt	ggcagtacac	ctatggattg	cacatggtac	actcattgga	240
aaatcactga	tttttttttt	ttttt				265

<210> 33863

<211> 158
 <212> DNA
 <213> Homo sapiens

<400> 33863
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 atgtcaatta ratccarttg attgatgatg ctgttcagtt caactatatac httactgatt 120
 ttttttgact actgaagcat ctatcaatta atgatgga 158

<210> 33864
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 33864
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 tgagtgcacg tagatataaa aattggaaca acaggcactg tagaaggggg ggc 113

<210> 33865
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 33865
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 ctgaccogta tttaggggac atccatggtg ggtgactcac cactgtccac cccaagaagc 120
 agagacccag ccgaggacct gccctgggccc ccttccccgg ggcaaccttc cnggcccccc 180
 tctgtgcccc ca 192

<210> 33866
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 33866
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 caggaagggtg gccgctccaa tgctctctga ctctaaagga atgadatgat tattcccacc 120
 cgaacatcca tcttctctg gtttaccgtc cc 152

<210> 33867
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 33867
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<210> 33868
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 33868

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cataactata	gttatatcag	acaaaataaa	gttcaggmca	actataagam	aagacaaagg	120
ttactgtata	atgataaagg	gctcagttca	gcgaggccat	aacaattgtg	aatatatatg	180
catctaaywc	tggggcct					198

<210> 33869

<211> 167

<212> DNA

<213> Homo sapiens

<400> 33869

tgattattat	agccaggacc	tctgtgaaat	gactctagga	tgagaactaa	aatataatgg	60
aatgggagag	gttcattcat	tatgttagag	awttgggata	gtgctaggcc	tttaattaat	120
taacatttca	ttaataatct	gtaaggagta	ccagtaaaca	gcacttt		167

<210> 33870

<211> 382

<212> DNA

<213> Homo sapiens

<400> 33870

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tcacctgaag	aagtgaaaga	caggaagtgg	atgggttgak	gagtgtgaac	tgattggcaa	120
atagaatc	cccaaaacag	agcaaacaag	aatgccagt	ctctgaaaac	tgcccttaaat	180
ataataatag	ggaactttct	ttctctcttc	aagcaataga	gaccacaggg	aactgcaccc	240
acctgcacca	tcgccatgcc	agtgggtgctg	ccattctgag	attatttcac	acagtcagat	300
tcagtacacg	cagtcatttg	tttaaartaa	atagaagaac	attcctttgt	gcagcttgtc	360
ccctggaata	aaaatggccc	cc				382

<210> 33871

<211> 64

<212> DNA

<213> Homo sapiens

<400> 33871

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cagc						64

<210> 33872

<211> 210

<212> DNA

<213> Homo sapiens

<400> 33872

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aagataacac	tggaaaaacc	attctagata	ttggcttggg	caaagacttc	atgaccaaga	120
acccaaaagc	aatgcaaca	aaacaaggat	aataggtgg	aacttcacta	aagaacttct	180
gaaaagcaaa	aagaacagtc	agcagaaact				210

<210> 33873

<211> 132

<212> DNA

<213> Homo sapiens

<400> 33873
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 gttctgaaag gacaggacag aagttaaatg gcattttacg gagtttagag tttatcacat 120
 aggtacagg gt 132

<210> 33874
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 33874
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 aagttatat cttttgtctc tggttaccag gaagggtaga gaaaaccatc aggtgggggc 120
 aggttaggc aggtctcagc ctgactctc cttgggcttg c 161

<210> 33875
 <211> 62
 <212> DNA
 <213> Homo sapiens

<400> 33875
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 tt 62

<210> 33876
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 33876
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 caaatttgta tagttgtttt aaaatgcggt ctctttcttc ttccctcgt 110

<210> 33877
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 33877
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 ccaaacttca atgttcaatg aaatttttgt tcaagtttga aatggagaga gcagctttaa 120
 aaggtactaa gccttttaca aattgggtgag tactggcaca tgagatctag agcaggagcd 180
 acttctcaca catagtaagt gggaaaagaa agtgctttga aagttcctcc ctacactact 240

<210> 33878
 <211> 218
 <212> DNA
 <213> Homo sapiens

<400> 33878
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 tgtccatcta gtgagatacc tatggaaaag gagcctggag agggccgaat aagtgtagtt 120
 gattactcat acctagaagg tgaccttccc atttctgcca gaccagcttg tagtaacaaa 180
 ctgatagatt atattttggg aggtgcatcc agtgacct 218

<210> 33879

<211> 101

<212> DNA

<213> Homo sapiens

<400> 33879

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cactataatc	ctgtttt	taga	acat	ttttt	gt	caccc	tcata c	101

<210> 33880

<211> 384

<212> DNA

<213> Homo sapiens

<400> 33880

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atgagcctcc	gtccccaacc	ccttattttt	taaatgtaag	gaaaacattt	catttattct		120
tagagactac	tactctacct	tgagactgca	gagcgagtg	catataaacac	catgcattat		180
ttgttctttt	cttatactga	acattttatag	aaagaagttt	ttcagctact	cctgcatcct		240
caccatgagt	accttctgtt	tccccagcct	ttggagtttc	taggaagtta	cattacttag		300
ctacttggtt	catctaccga	tatatccagt	ttcactctct	tccaatctgt	tcaccatatt		360
gcagtcagta	acctttttga	aatt					384

<210> 33881

<211> 219

<212> DNA

<213> Homo sapiens

<400> 33881

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tcattctctt	tctaattctt	ctggtttcaa	gattagaaaa	tggcattatt	tgatctgaaa	180
tgtttgagaa	gacacgaata	aagttacttg	ggcagaacc			219

<210> 33882

<211> 158

<212> DNA

<213> Homo sapiens

<400> 33882

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tagtggctct	aggattaatg	ctgttcttct	gtagcaggaa	gagatgaatg	gagatttccc		120
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<210> 33883

<211> 349

<212> DNA

<213> Homo sapiens

<400> 33883

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agcaatcggc	gtgcgacact	ttgcagccca	tgagcgtgaa	gacttggtgc	agcagctaga	120
gcgagctaag	gaacagggtc	tcactaacat	ctatttcagag	tgggggatgc	atttgcacag	180

ctggacacaa cacaacaag agtggactgt gcccctcggt tctcagagta tgggggtgcct	240
gggatgcacg ttgaatgctt ttacttcctc agcactgcac taggggtccca agctgactct	300
tgggtttctg gcctccagca ggcagggtctg ctccctgcta ttgggtacc	349

<210> 33884
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 33884	
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aattattcat taatgttcag ttgtttatag cagaagattt tgttgttgcc tacttatgca	180
taaacctcaa ggctgtagca accactctct tatagccagt gtgtgtgccc tagcataagc	240
ttctaactat ggactatttc ttactgata tcattcagta tagggataaa tcaaatgtgc	300
aaaaagttag aataaatttg tgatctgtag ttgatcatgt cttcctcatg agcatccacc	360
tagctgctat aatgtgggat ataggggttc atcacaaaat tttaaattag taattaatga	420
tatctgt	427

<210> 33885
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 33885	
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gaaggccagg gatgtaccgc ctacgacgta gctgtcaaca gcgacttcta ccggaggatg	180
cagaacagcg atttcttgcg ggagctcgtg atcaccatcg ccagggaggg ccttgaggac	240
aaatacaact tgcagctgaa tccggaatgg cgcgatgatga agaaccggcc attcatgggc	300
tccatcccgc agct	314

<210> 33886
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 33886	
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ataagaagtt tgtcacagca ctcaggattt tgggtatctt ttgtagctca cataaagaac	120
ttcagtgtct ttcagagctg gatatatctt aattactaat gccacactt	169

<210> 33887
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 33887	
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agcctcccag agtgctggga ttacaggcat gggtcaccgc accaagcccg catttatatt	120
ttgagttacc aaaatgatca tcatctgtga agcatcatgg tagcttccaa gcatttgagg	180
cccactggbm agtgcattca aaacacattc aggaaaccgg agagttgtaa gttgcacatg	240
tgtggnctac agtgacttcc atgtagtaac agggctgagc aaggcaggct ctccaccaga	300
cttaaagcat tcaaccactc tgcccctta	329

<210> 33888
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 33888
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 tcaaaaatgt cttatttgga ttggtttctt tgaatcaggc agaagaacat agaagctgtg 120
 ctctctcagg cctctgtcta tttccatagt aatcatatat tgacatatat cattgccacc 180
 atcttcaccg cccaa 195

<210> 33889
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 33889
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 aatacatgtg atttttgcac attgatttgg tctctgaga cttgctgaag ttgcttakca 120
 gcttaagcag attttgggtt gagacgatag ggttttcttt t 161

<210> 33890
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 33890
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 ctctgggagg acca 134

<210> 33891
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 33891
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 cattttgtgt ttgtggggat ggtatgttwa aatgtcttac acttggttgta atattggcta 120
 gaattgctat aaggtcacac acaaagtgga acctaagact tttggaaaac ccgggatctt 180
 ctaaattctag tgcaa 195

<210> 33892
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 33892
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 atatttgaag atctgcaaag agctaattaa gggttgatga gggtcacagg gtgggcccta 180
 atccaatatg attggtatcc ttaaatgaag agttgattag ggcacagata ggcagctctg 240
 tctcacagtg ctattgtgtg gattaaactt gttaatatac ataacaagtt tgtccagccc 300

gcagcctgt

309

<210> 33893

<211> 56

<212> DNA

<213> Homo sapiens

<400> 33893

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56

<210> 33894

<211> 213

<212> DNA

<213> Homo sapiens

<400> 33894

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cggagtgtga ctatctcaag agcctggaga tagaggagaa gatcaacaag atcaagtggc	120
tcccacagca gaacgccgcc cactcactcc tgtccaccaa cgataaaaact atcaaattat	180
ggaagattac cgaacgagat aaaaggccct aca	213

<210> 33895

<211> 94

<212> DNA

<213> Homo sapiens

<400> 33895

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ggtgatggct gcgctttaca cttaaaaatg actt	94

<210> 33896

<211> 217

<212> DNA

<213> Homo sapiens

<400> 33896

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tcccagccg gtacggagct gcggtcagcg gattgtgcgg ctgagccatc ctggtgacgg	180
tcccgctca ctacccctcc gtcacctcca gcaccct	217

<210> 33897

<211> 181

<212> DNA

<213> Homo sapiens

<400> 33897

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<210> 33898

<211> 345

<212> DNA

<213> Homo sapiens

<400> 33898

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ttgccaagcc	acatggcntg	cwtgggtcgta	ggtagatgca	tgatgtccct	cttagaatga	240
ggcccatgtt	taaaatccac	atttacaaaa	ggagtaggta	cnnntgtgat	gttttgaggt	300
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<210> 33899

<211> 64

<212> DNA

<213> Homo sapiens

<400> 33899

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<210> 33900

<211> 167

<212> DNA

<213> Homo sapiens

<400> 33900

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<210> 33901

<211> 186

<212> DNA

<213> Homo sapiens

<400> 33901

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cttgtgtcca	accccttacc	cctctcccta	acaccctct	tctcaacaag	actcagcctc	180
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<210> 33902

<211> 83

<212> DNA

<213> Homo sapiens

<400> 33902

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<210> 33903

<211> 280

<212> DNA

<213> Homo sapiens

<400> 33903

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ctgggtgggg	atgctgatgg	ttcgggaggc	tgtagcggaa	aggggtacaa	gggaactctg	180
tactttctac	ttaattttgc	tatgaaacta	aaacttctct	aaaaaataan	gtctgttcaa	240
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<210> 33904

<211> 313

<212> DNA

<213> Homo sapiens

<400> 33904 ,

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atgttgccca	ggatggtttc	gatctctttt	ttttttaatt	ttattattat	tatactttaa	180
gttttaggg	acatgtgcac	aatgtgcagg	tttgttacat	atgtatacat	gtgccatgtt	240
ggtgtgctgc	acccattaac	tcgttattta	gcattaggta	tatctcctaa	tgctatccct	300
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<210> 33905

<211> 346

<212> DNA

<213> Homo sapiens

<400> 33905

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agcatttttt	catgtgtttt	ttggctgcat	aaatgtcttc	ttttgagaag	tgtctgttca	240
tgtccttcgc	ccactttttg	atggggttgt	ttgttttttt	cttgtaaatt	tgtttgagtt	300
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<210> 33906

<211> 102

<212> DNA

<213> Homo sapiens

<400> 33906

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<210> 33907

<211> 192

<212> DNA

<213> Homo sapiens

<400> 33907

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ttagtttggc	ctcaatcttt	atagaaaactc	aattcaacaa	acatttgagc	acctgtttgt	180
tcagggccac	gc					192

<210> 33908

<211> 393

<212> DNA

<213> Homo sapiens

<400> 33908

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raacctgcat	gccccgagcg	ggtctcataa	tggtttaaaa	tgataacggg	ctagggagga	180
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ggctcactgb	acccttcgcc	tcctgcattc	aagcgattct	cctgcctcaa	gcctcccagg	360
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<210> 33909

<211> 123

<212> DNA

<213> Homo sapiens

<400> 33909

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aca						123

<210> 33910

<211> 317

<212> DNA

<213> Homo sapiens

<400> 33910

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gaagcgtttt	cggaccctgg	aatctgtggg	cggcctgcgg	caggggctga	ggcgcagttc	240
cctactcacc	cagatccgaa	tccaccgcgg	tgctgtttcc	agcgagtcag	attcsagatc	300
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<210> 33911

<211> 332

<212> DNA

<213> Homo sapiens

<400> 33911

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taaatatgtg	aacattagga	aattcaaaa	cttatatatt	cttagaagct	aattttgacc	120
acgtgcgcaa	attatttttc	ttttttagta	gaatggtgca	ttttttgcct	ttgtatttga	180
aatttagcta	aattacaata	gctatcagaa	ctacaattga	ccttagtaat	ttcaaaaacca	240
tagttataag	ggtttttaagt	tgatttttaa	aaatcttaag	atatgatagg	gattttcaaaa	300
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<210> 33912

<211> 161

<212> DNA

<213> Homo sapiens

<400> 33912

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gtcagtgata aaatacgccc acctgtccag gmtgactgct cctccacccc cagccctcag	120
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<210> 33913

<211> 232

<212> DNA

<213> Homo sapiens

<400> 33913

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cagcctggac aatatgatga aaccccatct ccacaaaaaa ttagctgggc gtggtggcag	120
gtgtctgtag tcccagctac ttgggaggct gtggtgggag gatcgcttga gcacgggagg	180
cggagggttg agagagccga gattgcacca ctgcattcca ggccgggcaa ka	232

<210> 33914

<211> 270

<212> DNA

<213> Homo sapiens

<400> 33914

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tgtagctttg tcgtaagttt tgaaatcagg aaatacgagt ttttcttttt tggtcttttt	120
caagactggt ttggttatta ggggtgcctt gagtttccat atgaattttt gcatcatctt	180
gtcagtttct gtagagagac tggctgggtt tttttttkgt ttgttttttt gkgttttttt	240
raracggagt ctgctctgt cgccaggca	270

<210> 33915

<211> 370

<212> DNA

<213> Homo sapiens

<400> 33915

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tgtgagatga tatctcatag tgggtttgat ttgcatttct ctgatgtcca gtggtgatga	180
gcattttttc atgtgttttt tggctgcata aatgtcttct tttgagaagt gtctgttcac	240
gtccttcgcc cactttttga tggggttgtt tgtttttttc ttgtaaattt gtttgagtkc	300
attgtagrta ctggatattg gcctttgkca gatgagtagg ttgcgaaaat tktckcccat	360
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<210> 33916

<211> 157

<212> DNA

<213> Homo sapiens

<400> 33916

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<210> 33917

<211> 344

<212> DNA

<213> Homo sapiens

<400> 33917

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ggggaaaccc	bgtctctgct	agaaatgcaa	aattagctgg	gcatgggtgg	tcatgcctgt	180
agtctcagct	actcgggagg	ctgagtcagg	agaatcgctt	gaacctggga	ggcggagggt	240
gcagtgagcc	gagatcaccc	cattgcactc	ctacctgggc	aacaagagcg	aaactccatc	300
kcavaaaaaa	attrckaant	atztatgagt	aacaaaagcc	cctc		344

<210> 33918

<211> 256

<212> DNA

<213> Homo sapiens

<400> 33918

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gggattgggc	ctgactgtat	cctgacaggt	gggaaggggc	ctgtcatgtc	cagatgaatg	120
gggcatgacc	tggtatgctg	ggctggcaga	acacccccac	caaccctggg	tagacagagt	180
ggggccaggt	gttttcaggt	ggtcatgcat	gtcggtagag	atcaggcagg	gctgagcatt	240
cctggcaata	aggggc					256

<210> 33919

<211> 293

<212> DNA

<213> Homo sapiens

<400> 33919

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ttgaaataca	gagaattaat	ttttgtttgt	gttagaacat	actttgctca	aagacttctg	120
actaagatag	caatcttttt	gattgacacc	atacatgttt	tgtagaggtc	ataattatac	180
cttactttta	ttctggttgc	ttgttttaag	aggaatgtta	acaaactgga	gcatgctcca	240
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<210> 33920

<211> 340

<212> DNA

<213> Homo sapiens

<400> 33920

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atacaagtca	catcatacaa	tatgtggtct	tttatgacgg	gcttctttca	cttattataa	120
tgttttcaag	tttcgtccat	attgtggcat	gtatcagtac	ttcattcatc	attattgctg	180
aataattttc	cattgcgtgg	ctataccaca	ttatatgtat	ctattaatca	gttaatggac	240
atattgagtgg	tttctacat	ttgagtatta	tgaataatga	tgctatgaac	acttgtgtgc	300
aagttttaat	gtaaacatat	gttttaagtt	ctcctgggcg			340

<210> 33921

<211> 163

<212> DNA

<213> Homo sapiens

<400> 33921
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 cactcctttt aggacctgtt gtaaggcagg tcttgtgcta rcaaatttgt ctgaaaagga 120
 tcttatttct cctctgtttt tggcagcttg gttttggggg gct 163

<210> 33922
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 33922
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 aatgtattca gggggaggaa acatcccttg cataccaatt gaggcatacct ctctttcaga 120
 actgcttttg aatttcaatg atgtttatat cttccaagcc gcgtctgaac tgagcatttc 180
 cgctctgagg aataacttga gagagagaga gagagagtga gagt 224

<210> 33923
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 33923
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 gtgttttcct tacttctgga gtcagtgatg cagctgttag tactttacaa ttattgttaa 120
 acatctactg agatttttga tccgttttac aaataggcat gct 163

<210> 33924
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 33924
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 ccactgcac aggcctgac gaggttttaa ttacagagr rtcattgtta ggggttcatt 120
 ctttcttttt aagtggaata gaccagtata atgaactccc acatatgcat caaccagctc 180
 cagtaaccac caccatgtgg ctaatcctac cccaccaa 219

<210> 33925
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 33925
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 aagatatggt ctttacagag ggaataaagt taaaataagg tcattagggg gagccctaata 180
 ccaaaggatg ggtgtcctaa tcagaggagg agattaggac ccagacacac acacacacac 240
 agagccaggg gaggacacag ggagaaaatg gccacgtaca agccaagatg agaggwctca 300
 ggaagaacca gccgactcca cccttcaaaa ctgtgagaac ata 343

<210> 33926
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 33926

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ccccaggtcc	agagggccct	cctggaataa	gcaaagaagg	tcctccaggr	rgacccaggt	120
ctccctggca	aagatggaga	ccatggaaaa	cctggaatcc	aagggcaacc	aggcccccca	180
ggcatctgcg	acccatcact	atgttttagt	gtaattgcca	gaagagatcc	gttcagaaaa	240
gggcga						246

<210> 33927

<211> 191

<212> DNA

<213> Homo sapiens

<400> 33927

acttagaagt	ctacctggcc	gggggtgcggt	ggctcacgcc	tgtaatccca	gcactctggg	60
aggctgaggt	gggccgatca	cgaggccaac	agatgaagac	catccgggcc	agcagggtga	120
aaccccgct	cttctaaaaa	ttagctgggc	gtggtggaat	gcgcctgtgg	tcccagctac	180
tcggggggct	g					191

<210> 33928

<211> 261

<212> DNA

<213> Homo sapiens

<400> 33928

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atactccaca	tgctttcttt	catgtaatcc	ttgccataat	cctatgaggt	aagctacatt	180
gtattcccat	taacaaatga	ggagactatt	ctgtctgact	cttcaatcca	taatgttaag	240
caccatgcag	taccgtctcc	c				261

<210> 33929

<211> 178

<212> DNA

<213> Homo sapiens

<400> 33929

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tgaggttgc	aaatactatt	attttaggct	aaaatagcaa	actgtcacat	aaacaataaa	120
caaacaaaaa	atgaaaagta	gtaaaaactc	tatgatttaa	ctttattccc	ccacttaa	178

<210> 33930

<211> 235

<212> DNA

<213> Homo sapiens

<400> 33930

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acagacatgt	tgatgataa	atagtagaat	tatataatat	ttttatattt	gtagatgtat	180
ctccttaa	at	aggatggaat	gatttcacag	aagatgaatg	aaactcaatc	235

<210> 33931

<211> 416

<212> DNA
<213> Homo sapiens

<400> 33931
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ccctgggtcag aagggtcttag acaaaaatct tagcatcaag ctcagattat tccttcctgc 180
ttcattttgtg ttctcctcac aatgctttca gctgcctagg aatagccagg caaccagctg 240
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gctgttgaag tgtacacaag caagctgact gccttatgac taatacttga cagaaccag 360
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<210> 33932
<211> 163
<212> DNA
<213> Homo sapiens

<400> 33932
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<210> 33933
<211> 143
<212> DNA
<213> Homo sapiens

<400> 33933
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taactgacct atttttaaag tctagcttca tagtcataaa catgtgattt aaaatttcat 120
ttttctcact tccccaccc atc 143

<210> 33934
<211> 288
<212> DNA
<213> Homo sapiens

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aaaaagacct gagggacttc cagttgccct aggataatgg tggcctccta agctggagtt 180
tgtccactta ttctcccaga aaaacataga gattaataag gaaaacaaat agaactacgt 240
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<210> 33935
<211> 208
<212> DNA
<213> Homo sapiens

<400> 33935
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atttattgtt ttgaagtaa agaatttcag ataaacagaa ragggccaaa actctaaaat 120
gattaggttt ctttttatca gttttgtttc tgtttggtgc caacaaaagt ccactagctt 180
tctgctttgt taactgagta gtgaaaga 208

<210> 33936
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 33936
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 taaagcaagc tttaatgttc tgacttggtc atttgaaata caaaaaagta agtgaatttt 180
 aatgttttgc attaaactaaa gaaatctgaa gattaatgtt gaggaaattg tatggacatg 240
 cctttgtgaa accaggaagt attttaagtt aaaaatgraa aaggttttta ttgctttgtg 300
 tgtgttttaa tggagcccca ttttagaatt attttttcca tct 343

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 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 33937
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<210> 33938
 <211> 180
 <212> DNA
 <213> Homo sapiens

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 taaaaagtct cctatgcccc ttagatagat gagatttttt tttttgacct tgcacccacc 180

<210> 33939
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 <212> DNA
 <213> Homo sapiens

<400> 33939
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 atacaaaaaa ttagccaggc gcggtggcgg gtgcctgtag tcccagctac tcgggagggt 180
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<210> 33940
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 33940

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<210> 33941
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 <212> DNA
 <213> Homo sapiens

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 ctacccatcc atggaaatgg ttaaaatgaa aagcatgaaa aagcatctmg ttttggcaag 180
 gatgtaagca agaggaactg tacactactg gtggaattgc tcatcgataa aaccattttg 240
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 <211> 280
 <212> DNA
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<400> 33942
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 ctaaagccta catctggcta ccctggggcg agtcctgttt acagtgccca ttcctggagc 180
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 ctacacact ggaagaggga ttttaataagc tggcacccgt 280

<210> 33943
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 <212> DNA
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<400> 33943
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 agatgcgctg aaggaaaggc cagagctcgt gcctccttc actgcctgcg gtagagcctg 180
 gtcccgcata gcttgactc ggataagtca agttctcttc catccccaga acctgcgtgg 240
 ccgcgcctg agcgaascca 260

<210> 33944
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 <212> DNA
 <213> Homo sapiens

<400> 33944
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 aattaatctg catatttgta acgcaaataa ctacttcctg atttacatct caatatattc 120
 ttctttcatt tgcccaa 137

<210> 33945
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 33945
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 atattac 67

<210> 33946
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 33946
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<210> 33947
 <211> 260
 <212> DNA
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<400> 33947
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 ttgttttttt tcattgataa tttgtgtcat tgtgttatct tggatgagct taaagaattg 180
 ttggcaaaga gattgttcct atttaattta aaacacaagc aaactactat ttcaaagaca 240
 atatgattct tacctgtccg 260

<210> 33948
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 33948
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 acaataacaa ataggcccaa acacgtaatg ggttctgcaa aagagaagtc ttggcaggta 180
 gggctctgct ttattaaatc ttcaaggatc ctt 213

<210> 33949
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 33949
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 tgcvttttgc atggcaatag atttatttct gataaaaata gcttttatta taatataaag 240
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<210> 33950
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 33950
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 ggtttttatg gttttaggkc taacgktaa gtctttaatc catcttgaat taattkttgt 180
 ataaggtgta aggaaggga 199

<210> 33951
 <211> 88
 <212> DNA
 <213> Homo sapiens

<400> 33951
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 aggtagattt ctttctttct ttctttct 88

<210> 33952
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 <212> DNA
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<400> 33952
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 gcctgggggg aaaagcgtcc ggtggkttgt tggtaaagag gggcaccact ttcagataaa 180
 aacatagacc tgaatggcat catccagtat ccaaggaaac catgttctct aaacatgaat 240
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<210> 33953
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 33953
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 cttttattat cttgactgam ttaaaggcat ttgccagctg ggcattgtga ctcactctga 180
 gtcgcagcac gttgggaggc aa 202

<210> 33954
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 33954
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 aagaatcaaa agacttgtag tagtttacct tckggctttg gtaagtgtgg ctttgagtaa 120
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<210> 33955
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 33955

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tgttgcattg	atccctttac	cattatataa	tggccttctt	tgtctctttt	gatctttttg	180
taaacaactc	gagataattg	gctgagaatg	gttggtgaga	cttccccgga	ggctcgtcag	240
catgggcaac	tgcaatgttg	aatcttggtt	ctctgatttc	cagcaagatg	gccgaatggg	300
aacggctctg	gtctgcggct	cccagcgaga	tcgntgcaga	aggccagtga	ttctgcattt	360
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<210> 33956

<211> 277

<212> DNA

<213> Homo sapiens

<400> 33956

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aatactcttt	ttaaaagaaa	aaagtaaata	tttctctcct	tcttacatac	ataggctgga	180
ttctagtgc	atttataacg	aattgaaaga	aacatatcnt	aattatcttc	ctctgtacgt	240
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<210> 33957

<211> 369

<212> DNA

<213> Homo sapiens

<400> 33957

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tgaatgtggt	gtgtgaactg	ataccttttg	atcctcatgc	ctcattctgt	ccctgagact	120
tattctagat	gtcacttccc	ctacttcaca	ttatacacga	atgttctgag	gacatttgag	180
atggaatcta	gtcacatttt	tcagcactag	tttccaagga	acacaaagaa	gtccagtgc	240
atgatccagg	ctctcagcct	tacagatcat	catgtagatt	aagtggncga	ggctctttcc	300
tatgcagaaa	ccttctctaca	accaaggtac	cccttgtyat	nattgtcktc	ctgcaacttt	360
cataattga						369

<210> 33958

<211> 356

<212> DNA

<213> Homo sapiens

<400> 33958

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taatgctagg	tctggatttt	gtgtccagct	ttgactctaa	agccccacat	gttttcatTT	120
tactaagttg	tcataataaa	tgttctacta	ctttttgtgg	attatacaag	aagccacgtg	180
agtgcagcat	tttatttttt	atttttattt	ttgagacggg	gtctctctct	cactcccaga	240
ctggagtgcg	gtggggagaac	gtggctcact	cagccttgaa	ctcctgggct	caagggatcc	300
tcctgcctca	gcctcccaag	tagctggtac	tacaggcatg	caccaccatg	cctggc	356

<210> 33959

<211> 244

<212> DNA

<213> Homo sapiens

<400> 33959

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aaatttcgat	gtgccgctg	ccgggcgcta	agcgccggtg	ttgagagagg	cggcggccgc	120
cgcgccggg	draatgctg	gcatgtacgt	gccggacagg	ttctccctga	agtcctcccg	180
ggttcaggac	ggcatggggc	tctacacggc	ccgcagagtg	cgaaagggtg	aaaagtccg	240
acc						244

<210> 33960
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 33960						
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tggacgttgt	ttgtaggcaa	gtaggggcac	cgaaagcttt	aaagcaggga	gttt	114

<210> 33961
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 33961						
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ctcagcacca	scctamcaca	ggcctt				86

<210> 33962
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 33962						
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atatgtgaat	ttgattctgt	catcatgatg	ttagttgggt	atattgcaga	cttgtttatg	180
tggttctttc	atagtgtcac	tggtctttgt	acttcagtgt	gtttttatgg	tagctggtaa	240
tggttttctt	ttcgatat	agtacttctt	tcaggagctt	gtgaaaggca	gggctgggtg	300
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<210> 33963
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 33963						
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<210> 33964
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 33964						
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cagatactga	gttttatgag	attatgtttg	ttatagtttg	aatgacagc	ctttgagata	180
cgtgcatttg	acccaagagt	cttgtaaagt	aagtgaataa	actactgagc	acaagagctc	240
tgggttctat	tcttaccagt	ttatcattat	atcatctaac	atcttcagat	tacaagtctc	300
ttaaggtata	aaaggaattc	aataatacct	gcttgccctc	ccctacttca	caatagatt	359

<210> 33965

<211> 269

<212> DNA

<213> Homo sapiens

<400> 33965

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ggaggttgca	gtgagccgag	attgtaccaw	ttgcaactcm	agccctgggc	gacaagagca	120
aaactctgtc	tcaaaaaaaaa	agavagaaaag	aaaatgtaaa	taattggcca	ggtacgggtg	180
ctcacggctg	taatcccagg	actttggggag	gccgagggcg	gcggactacg	aggtcagcag	240
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<210> 33966

<211> 339

<212> DNA

<213> Homo sapiens

<400> 33966

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tccaccagcc	tctcaactcac	caaagtaatc	agcchttcgg	gtgagcatcc	atctctcgct	120
ccagacgttg	ggtgagggct	tctaatttca	actcagcagc	agagggctct	agctcaggac	180
ctgggacgag	gggctggcag	ggcagcctta	ccctagggga	gctggggctg	tccaggagca	240
cagatcccag	gctaccatca	gaagaccagc	ccaggggacc	tctttacaag	ataactcagg	300
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<210> 33967

<211> 265

<212> DNA

<213> Homo sapiens

<400> 33967

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gctccttgac	atacttcttg	atgactggta	gtggaccagc	aaagtagtta	acctgtccca	120
aaatcacaca	cgaagagagg	ctagtgttta	cagaatttca	gccagcgagc	ctggtgcagt	180
ggcgtatgct	tcttgtccca	gctgcttaga	aggctgaggt	gggagaatca	cttgagccca	240
ggagttcaga	tgtagaccg	gaagc				265

<210> 33968

<211> 251

<212> DNA

<213> Homo sapiens

<400> 33968

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ggcatgggtg	cttatgcttg	tgrtcccagc	actttgggaa	gaccgaggca	ggaggacacc	120
ttgagcccag	gagtcaagat	tgcaatgagc	tgtgattaca	ctactgcact	ccagcctggg	180
aacggagtga	gaccctgtct	ctttatttaa	ataaagaagg	aaatattcct	ttaaaattta	240
tttttccttt	t					251

<210> 33969
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 33969
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 aaggaggctt aagcttgagg atgcaaagtc acgtgtcctt aamcrgctat tttkcbagtr 120
 tactctgtta gaaaggaac caa 143

<210> 33970
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 33970
 aaaatgttat ctcagtgtct attcagattt taacatatag attaattctt tttttcttta 60
 tttttccaca ctatacagat gtatagacta attcttttta ggaatgtatt tttgccattt 120
 ccctcattct gtcactttat taaatagtaa tttaa 155

<210> 33971
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 33971
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 agatgatcga tctgccttgg cctcccaaag ttctcggatt acaggcatta gtcacccctgc 180
 cccccccgcg c 191

<210> 33972
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 33972
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 ttaccagttg ccttttatcc caaagtgtgt gtaacctgct gtgatacgat gcttcaagag 180
 aaaatgcggt tataaaaaat gggtcagaat taaactttta attcatctca aaaaaaaaaa 240
 aaaaaaa 247

<210> 33973
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 33973
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 tacttcttga ggaatttttg taatttagaa gcatgttttt gctacctaca ggattaaaaa 120
 aataaaaaata ataaagatgc tgtcagactt ggcctccagg caatttagtg ctgcctgtgg 180
 cttctggtac tgtgcatttt aaacagtcct gccagt 216

<210> 33974

<211> 151

<212> DNA

<213> Homo sapiens

<400> 33974

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agatggcttt	gatctcctga	ccttgtgatc	cgccccgctc	ggcctcccaa	actgctagga	120
ttactggcct	gagccaccgt	gcccccccg	c			151

<210> 33975

<211> 158

<212> DNA

<213> Homo sapiens

<400> 33975

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tcagttgctg	ggtagctgat	aattgaaatc	aagcgcac			158

<210> 33976

<211> 109

<212> DNA

<213> Homo sapiens

<400> 33976

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<210> 33977

<211> 317

<212> DNA

<213> Homo sapiens

<400> 33977

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ctgccaccat	gccagctaa	tntttgtatt	tttagtagag	atggggtttc	acywtggttg	180
ctagcctgnk	ctcaaactcc	tgacctcagg	tgatctgccc	tccttggcct	ctcaaagtgc	240
tggaattaca	ggcatgagcc	accgcgctcg	gcctccatgt	cgcgtaatct	cttgaacttg	300
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<210> 33978

<211> 111

<212> DNA

<213> Homo sapiens

<400> 33978

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<210> 33979

<211> 130

<212> DNA

<213> Homo sapiens

<400> 33979

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<210> 33980

<211> 159

<212> DNA

<213> Homo sapiens

<400> 33980

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agctgttttac tgtaacgggg aaaaccagat tctttgcatc tgggccctct actgattgtt	120
aaaggagttc ctgtcacctg ctccccccac ccccgccac	159

<210> 33981

<211> 192

<212> DNA

<213> Homo sapiens

<400> 33981

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attacattgg aggaaatatt ttcttagtka tttaccttat gatgttcttt cctagaaatc	180
taagtttcca tc	192

<210> 33982

<211> 316

<212> DNA

<213> Homo sapiens

<400> 33982

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gattcttggc caggtacggt ggctcacacc tgtaatccca gcactttggg aggccaaggc	180
tggcggatca tgtgaggttg ggagttctag accatgctgg ctaacatggt gaaacctgtc	240
tctactaaaa atacaaaaaa ttagctgggc gtggtggcat gcanstgcag tcccagctac	300
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<210> 33983

<211> 158

<212> DNA

<213> Homo sapiens

<400> 33983

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ctatgtcctg aatgggtatt cctgggtttt cttctagggt ttttatgggt ttaggtctaa	120
catttaagaa gaaggatact taaagtataa gggaatg	158

<210> 33984

<211> 75

<212> DNA

<213> Homo sapiens

<400> 33984

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<210> 33985

<211> 377

<212> DNA

<213> Homo sapiens

<400> 33985

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tcacaaacct aaattgaatg tactaagttt tcacatgtcc cattatctag gtccttgtat	180
actaatgttt tgaacttaga tcatttcagg tgttgtttgg tggataaagg aaccttttat	240
ttataaagat actgtagaaa gcatgtgaac agctctctgc ttgattaaga tgccataata	300
gtgctgtatt tgcagtgtgg gctaagacaa agtatattaa taagcttttc agcccccca	360
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<210> 33986

<211> 266

<212> DNA

<213> Homo sapiens

<400> 33986

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cttgattagt aggggaatttt gaacacctct ttaaatacag ctagaaaata aaaccaattt	180
gtaaagccac atttgcatat gatgccagcb tcacgcattt gtatatctcc agaaattcab	240
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<210> 33987

<211> 396

<212> DNA

<213> Homo sapiens

<400> 33987

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agtcaacttc aggccttccc tgaccatcta acatagcatc ccctgttact ctccctcact	120
tctgtgtttt ccttcattgc atttacctct ccttaatagg atactgtagc tttccttatg	180
atctttctcc ccatttcgaa tgtaagccct aggagggcaa ggtccccagc acctcacaca	240
gtgcctggca cacagtaaat atttactaca aatttgctga ataaggagca tgaggagctg	300
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<210> 33988

<211> 123

<212> DNA

<213> Homo sapiens

<400> 33988

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gca 123

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<211> 83
<212> DNA
<213> Homo sapiens

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taatgtataa agtttgtaca aac 83

<210> 33990
<211> 163
<212> DNA
<213> Homo sapiens

<400> 33990
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gcattaggta tatctcccag tgctatccct cgcctctccc cca 163

<210> 33991
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<212> DNA
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<400> 33991
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<212> DNA
<213> Homo sapiens

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ggcccttgca attcacggtg caatattcac cagttttgcc ctctgcctca taaaggcaaa 180
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<211> 194
<212> DNA
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ctataggggtg gtgtgtgctc cagcctgacc cagaagtgga ctgcatgtaa gagccttgac 180
ccagagcatc caga 194

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 <211> 81
 <212> DNA
 <213> Homo sapiens

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 <211> 218
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 ccggtctttc cgcaactagca gcaaccttgt catccacaga cgtatccaca ctggagaaaa 180
 acccctgcag tgtgagatat gcgggtttac ctgccacc 218

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<400> 33997
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 gaggatccta atggcccagg ttgggtcaga tgtcgtttct taagcaggct aaagatgtga 180
 tgtgacagat gctttgagaa aaaacaaaat agtagtaaag aatgggtaac tctaataat 240
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 <211> 411
 <212> DNA
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 acagccttaa aaatattcag taaaatattg tacttccata aagcattgcc cctgagtaag 180
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004220-665756

gctgtgtgat gctattgaaa aggggaataca ccaccatcag cgctcgggta aaacgtcttc 300
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 <211> 235
 <212> DNA
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<400> 33999
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 cctttcactc tatggtgtta acctgccttt ttctaagtct aatctccact taccacagct 180
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<210> 34001
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<400> 34001
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<210> 34002
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 ctccctcctt ccatcttaag cccatggcaa cct 213

<210> 34003
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<400> 34003
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aataaataac aactgaacct tcagggaataa aatgttatat atgtaccagg cgc 173

<210> 34004
<211> 90
<212> DNA
<213> Homo sapiens

<400> 34004
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acagtcagtc sstcttgggc tggcgggact 90

<210> 34005
<211> 187
<212> DNA
<213> Homo sapiens

<400> 34005
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<210> 34006
<211> 330
<212> DNA
<213> Homo sapiens

<400> 34006
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gttacacaga atgcagcaca aagagaaaaa gagatgagaa atatgaaaga gaagttataa 180
aaccgagagg atagagttag aagggtccaac ttacatgtga taggcattct aggagataaa 240
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aaaatatgag ccctcagatt gaagtgactt 330

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<211> 333
<212> DNA
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gtgawttaay cacratctcc aaaataacat accaraacga ataacagara atcattttta 180
gttgtggttc cttcatgcac aaaacatttc atgtgtgtct ggcctcttc cggccacaga 240
tttcatctta acctaagtat tgaaatgctt gtgccctttg attaatTTTT ctgtgtaaat 300
actttgataa taagctacat tgaggchnng tag 333

<210> 34008
<211> 167
<212> DNA
<213> Homo sapiens

<400> 34008
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ccgtcaagta aatggattg ctgtaggtca gtgggtttta aggaccttat ttggtttgga 120
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<210> 34009
<211> 245
<212> DNA
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gaagtcgggc tgacagggag tcaatccaga tttccctctg ggtgacctgg agcaagttac 180
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taata 245

<210> 34010
<211> 82
<212> DNA
<213> Homo sapiens

<400> 34010
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tgggtggtgg gatggtggcg gt 82

<210> 34011
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<212> DNA
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<400> 34011
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<210> 34012
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<212> DNA
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<210> 34013
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<212> DNA
<213> Homo sapiens

<400> 34013
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tccaagttac aatattaaga aaattttaat ttcattttccc cttgcaagca aagatattaa 180

gccatagatt agatgtgggg accttacatt ttatactaca cttgtaagta cttaatggca 240
cca 243

<210> 34014
<211> 214
<212> DNA
<213> Homo sapiens

<400> 34014
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gacagactgg gagaaaagat ttttcatcaa aaataattga ctactggctg ggtgcggtgg 180
ctcacgcctg tgatcccagc actttgggag gccc 214

<210> 34015
<211> 235
<212> DNA
<213> Homo sapiens

<400> 34015
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tgamcgatat gttagaaaaa tgggtgtgccg accaattcat gacatgtgtc ccaaaactag 180
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<210> 34016
<211> 277
<212> DNA
<213> Homo sapiens

<400> 34016
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ttagtctgga cttctgggaa atagaatcag ccttgggcca gtctctgtga gtctaattgt 240
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<210> 34017
<211> 322
<212> DNA
<213> Homo sapiens

<400> 34017
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ccaaactgat cctgtgatca cttgacatga taaagaatcc tcccacattt ttctgtgaag 240
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aaagcaatgc aaagccctgt ca 322

<210> 34018
<211> 151
<212> DNA
<213> Homo sapiens

<400> 34018

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gtgggtagtt	gttttgagt	tatccagatg	actgttgga	acactcttct	cacacatagc	120
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<210> 34019

<211> 248

<212> DNA

<213> Homo sapiens

<400> 34019

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atagacccat	ggaacagaac	agagccctca	gaaataatgc	cgcattatct	acaactatct	180
gatcttagac	aaacctgaca	aaaacaagaa	atggggaaag	gattccctgt	ttaataaatg	240
gtgctgaa						248

<210> 34020

<211> 365

<212> DNA

<213> Homo sapiens

<400> 34020

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gtagaaacat	acaattcaag	agcaatgata	atactctgtg	gtgtttctct	ggtgtagcac	180
atggaagagg	cacagtccat	cccaggggaag	gctaaacaag	aagcaggagt	tagcttggaa	240
tcacaggggg	aaagaagatt	ttcagtgaga	ggaacaatga	gcagcttata	gaagaaagat	300
gtagtagcag	aacctgggtg	tatTTTgtct	cttagaaatt	gctgtcatct	gtgagagaca	360
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<210> 34021

<211> 378

<212> DNA

<213> Homo sapiens

<400> 34021

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aatctgaaat	tctggattaa	aaaagtgaag	atctgcatgt	tcctctaata	cctaatagacg	180
aatttctaatt	gcagaaggat	gccaataact	aaaaccacaa	aatgaaccct	atgtataaccg	240
gtgaccttct	ttactcagaa	ttaattaaca	caagcacttg	tttcttgtag	agcactttgc	300
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<210> 34022

<211> 229

<212> DNA

<213> Homo sapiens

<400> 34022

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tctccccgcc tgggctctgg gtctctgcc ttgcctcagc ctgcattcat ttggaccaac 180
 aggaactgag atgtgactta cctctgaggt gtagaggagg agggcgctca 229

<210> 34023
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 34023
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 tcaagcgatt cttatgtctc agccacctaa ktagctggga tacagacgtg caccaccaca 180
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 tttgaa 366

<210> 34024
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 34024
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 atgttggtttc tagcacaat 139

<210> 34025
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 34025
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 gaccagccac cctttaattc tttaaaatat ttattgattt atttgttttc ttcttctttt 180
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 <212> DNA
 <213> Homo sapiens

<400> 34026
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 aaaaattatt gataaataaa agttattgat aagaataaaa acatttagac taaattatgc 120
 cgcc 125

<210> 34027
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 34027
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 gtgtaatgga aagagcctgc agataatgct ttttgacat ttaatttagt cacatttatt 180
 tcattgctgc ca 192

<210> 34028
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 34028
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<210> 34029
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 34029
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 caaactcctg acctcaggtg atccacctac ctcgcca 158

<210> 34030
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 34030
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<210> 34031
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 34031
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<210> 34032
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 34032
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 gcagggacta cagatgcgtg ccacaamcag ctaatttttg tattttttagt agacacggga 120
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ctcct

185

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<211> 409

<212> DNA

<213> Homo sapiens

<400> 34033

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aaggaagagg	tactcagaat	tgaggcatgc	tcataggaat	agcatcagga	agggtatgac	180
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acttacaatg	atatgggtaca	atcagctttg	tgtttttagga	agttatctca	gttgatgtca	360
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<210> 34034

<211> 152

<212> DNA

<213> Homo sapiens

<400> 34034

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aaaaaaaaact	tagcatagag	ttgtatcact	gc			152

<210> 34035

<211> 217

<212> DNA

<213> Homo sapiens

<400> 34035

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aggaaattat	aatgtcagta	ctaagaaaaat	aagtaaatca	gggttgaatt	gttttgacta	180
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<210> 34036

<211> 218

<212> DNA

<213> Homo sapiens

<400> 34036

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ctaattggaag	agatcatgag	tgagaaggag	aataaaacca	ttgtttttgt	ggaaaccaa	180
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<210> 34037

<211> 148

<212> DNA

<213> Homo sapiens

<400> 34037

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 gataaaatct ataacagcaa ccagagct 148

<210> 34038
 <211> 196
 <212> DNA
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 taacctcaag tgatccacca cttcagcctc ccaaagtgtc gaggttacag gcatgagcca 180
 ccatgcccgg ccgctc 196

<210> 34039
 <211> 331
 <212> DNA
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<400> 34039
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 agcctggcca acatggtgaa accctgtctc tactaaaaat acaaaaatta gccaggtgctg 180
 gtggcgcatg cctgtagtcc cagctactcg ggaggctgag gcaggtgaat tgcttgaacc 240
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 tcaagactcc atctcmacaa caacaacaac a 331

<210> 34040
 <211> 92
 <212> DNA
 <213> Homo sapiens

<400> 34040
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 gagctacgaa tccaccttgt cctggacttt tk 92

<210> 34041
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 <212> DNA
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<400> 34041
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 gvtsttagaa aggtttcaaa atcaagcrac vrargtctka aagtgatrag gcatggcttr 120
 aagatctttt gatcaaaca acctgtgttt gagatagatt taagagccct aaatgcttat 180
 caccatkcac tccaaataaa actattgctt tt 212

<210> 34042
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 34042

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aaatgttttt	tgtgctttgc	atgaacagga	gccaca			156

<210> 34043
 <211> 326
 <212> DNA
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<400> 34043						
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attactgcag	atcatcatat	catcactcag	catagttcag	agtcagaaga	ctaggaaaag	120
gaatgttctt	tgcaggtcag	ggttttgatg	actggcaaaa	cactaggcaa	gttgactgc	180
agttgtctga	accacacca	gactgcagtt	aaatatagaa	tttagtttct	ggaactgtta	240
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<210> 34044
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 <212> DNA
 <213> Homo sapiens

<400> 34044						
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acagaaagaa	aaaaaggagk	kgtggaagaa	accatttctc	actgcagagt	ttttccatgt	180
gacatatttt	ctaattttat	ttcagggtcta	actgtctgca	gtagatggct	ccatttcagg	240
gtcttccccct	ccccttttag	tatatgagct	ttcattaagg	aatgaagtgg	ctttatttgt	300
ttaa						304

<210> 34045
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 34045						
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acagacacta	aaccatggaa	gacatatggg	tagtgaagaa	gcacatgaag	agatgctcaa	180
tgttatcaga	caggagatat	cactatacct	ccactagaat	ggattttttt		230

<210> 34046
 <211> 159
 <212> DNA
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<400> 34046						
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cccgggttca	agtgattctc	ctgcctcagc	ttcccagagc			159

<210> 34047
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 <212> DNA

<213> Homo sapiens

<400> 34047

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gaaaaccaat	cttcggcggg	gcttc				145

<210> 34048

<211> 62

<212> DNA

<213> Homo sapiens

<400> 34048

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<210> 34049

<211> 369

<212> DNA

<213> Homo sapiens

<400> 34049

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ttattacatt	aaatgttttg	tgcttatcag	acatttatct	ttgtaaacag	tgcaaactctt	180
tccccattt	ttactgtggt	gtctgtttac	aattgattcg	tatgacatct	ttatatatgc	240
tggttacaac	tgctttgtca	aagatatata	gtgtgaatat	tttctcccat	agcttagctt	300
tttcattctc	ttagtgtttt	tgtttgtttg	tttaattctg	aagagcacag	gttttccttg	360
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<210> 34050

<211> 123

<212> DNA

<213> Homo sapiens

<400> 34050

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ccc						123

<210> 34051

<211> 272

<212> DNA

<213> Homo sapiens

<400> 34051

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ttttctagaa	atatgtggat	tgtatgattc	tttgagaaat	agaaggaagt	cagctctgct	180
acagaaatag	aaagtttttg	catggcgtga	gtttagacag	tcactttctt	ttadgtttcc	240
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<210> 34052

<211> 351

<212> DNA

<213> Homo sapiens

<400> 34052

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gtctgcaggt	ttctccttga	agcaaagtgt	tgggatcatt	gcatttccag	aaatctgcct	180
ccttcacccg	tctagggcac	tggagcaaag	aaaaagttat	taaaggagac	tcaaaccact	240
gacaagttac	ttgcggcata	agtagtagtt	tttttgtttg	tttgttttga	gatggagtct	300
cgctctgtca	cccaggctgg	agtgcagtgg	cttgatctca	gctcactgca	t	351

<210> 34053

<211> 158

<212> DNA

<213> Homo sapiens

<400> 34053

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agcagaaagg	gcaactgtatt	gggagtttgg	arggcttaat	agtaacctgg	catggggcaa	120
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<210> 34054

<211> 290

<212> DNA

<213> Homo sapiens

<400> 34054

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agtttactaa	ttacatatgg	aaaccttttg	agttttcact	tgtaaagattt	ttaatgggaa	180
caaagatttt	gatgcacat	agcagccct	cacctctctc	tctgctcctg	catgtgtgac	240
atctctgaca	ctgggtgagga	agttcacttt	ccattgcttt	tacatcctct		290

<210> 34055

<211> 349

<212> DNA

<213> Homo sapiens

<400> 34055

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gtctgtgtaa	ttattttgct	ctttgattaa	aaaaaagacc	cccagcaata	aaaagtgggt	180
cactctatgc	cctctgtgca	cattagtctc	ttgtattcaa	ctttgctgat	tctctggaat	240
tttcctactc	tttagcataa	ttttgatgat	tgaaaaatat	tttggaaggg	atgggtcagg	300
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<210> 34056

<211> 287

<212> DNA

<213> Homo sapiens

<400> 34056

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tttattcaat aggaagttgt ttccccattg cttgtttttg tgcattttgt tgaatatcag 180
 atggttgtaa gtgtgtggca ttatttctgg gctctagatt ctgttctctt tttctakgtb 240
 ccwattttkg tatgcacacc atgctgtttk ggttactgta gcctcgc 287

<210> 34057
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 34057
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 agctttctga agccttggga atcactgggc c 151

<210> 34058
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 34058
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 ccgcynkaag tgatgatcat gtaaa 85

<210> 34059
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 34059
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 gwgtacgaa tccacctgt cctggacttt tttgttggc agt 103

<210> 34060
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 34060
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 atctgcccgc cttggcckcc caaagtgtg ggatkacagg cttgagccac cacgcctaac 120
 ctcatwtgca tttckaaca gctctctccc tgggatgtg cwtgctgtg ckttggggac 180
 cacatttyaa gtyaatgtac yytagtgac gaatgtttcc wcatctyga gctg 234

<210> 34061
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 34061
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 aggatgactc tggtttatgt agccctccag cagagaggga agaaaaacag ggcatttwaa 120
 ctgragacca gtcacgaatt aaaagtttg cttctgctga agatattctt gtaacagacc 180
 aatacagacc attttttct gttaattcca ttagcgaaca gaaaatccca ctgtca 236

<210> 34062
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 34062
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 tcaccattgt gaagcaggat cagacttttt tttagttcaca gtacctggac ttttaggtta 180
 attgtatcat attttgaaga tttcttggtt ttcttggtgt gaaacttttt cttgtgagaa 240
 actaacccta ccttttactt tcacttctcc gaatgcatgt cttataaatt atagataggg 300
 cctgtggacc tgccctcatta tttccctttt gaagtaagga taactgcagt agrnkdcatt 360
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<210> 34063
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 34063
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 caccattacc attaaccaaa ttcattgagt agttgtcatg tcttctaata ttttaatttg 180
 accagtattt acacagctga aaattaacaa ttccttgaaa taacttgaaa ttacaccttg 240
 tttggagtga agtcattcct gttttt 266

<210> 34064
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 34064
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 cgratkggcc tggaackgta tccacccaaa tgtcacccat ttcttcctat gcaggaaatg 180
 agcagaccba tcaataagaa atttctcagc ctggccgaaa atggttggn ccacgaagcc 240
 acgacaactg gaggcaaaga ggggttgctca acgcccgcct tcatttgaaa accaaatcag 300
 atctgggacg t 311

<210> 34065
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 34065
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 taatttttak tttatatbat tttactttaa gttttagggt acatgttcac aatgtgcagg 180
 ttagttacat atgtatacat gtgccatgct ggtgcgctgc atccactaac tcgtcatcta 240
 gcattaggtat tatcccccba tgctaaccct cccccctccc aa 282

<210> 34066
 <211> 105
 <212> DNA

<213> Homo sapiens

<400> 34066

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<210> 34067

<211> 363

<212> DNA

<213> Homo sapiens

<400> 34067

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aaataaatta actgtattck atatatacc ctttttgccag atgtattcta acagaaggat	180
ttataggtga aaagtattgt tttttgcttt attttgccaa aaggcactta agaaagcctg	240
tccaaatctn gattctcagc agcagaatat gaaagtttct gactcctcac acccatgcc	300
acaggtgag cattatckkt attaacttta aaggaagaaa acaagtgaat gggacatagc	360
att	363

<210> 34068

<211> 86

<212> DNA

<213> Homo sapiens

<400> 34068

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ccttgagggtc atgttcccc ccacct	86

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<211> 233

<212> DNA

<213> Homo sapiens

<400> 34069

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ttatatgcac gtwwtcttta atttthttag attttcctgg atgtatagtt taaacaacaa	180
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<210> 34070

<211> 166

<212> DNA

<213> Homo sapiens

<400> 34070

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ttcttgaagt ctcaccttga gaatcatgct ccaccccgct agaactttac cctgactcct	120
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<210> 34071

<211> 285

<212> DNA

<213> Homo sapiens

001220" 666T560

<400> 34071
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aatctctata tkaatccaca gtcgagtaaa agaaagatct gcccaagatc gtttttctga 180
gcttggtattt gtttggttga atggagggct agggagtcac tggtttccat ttcaggtaat 240
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<210> 34072
<211> 218
<212> DNA
<213> Homo sapiens

<400> 34072
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acggccagcg cgcaccgctc tgcgcgggga cgssgactga tgggagagta ggggatggag 180
tcggttggtt tttgcctaca gccagctcag cgccccat 218

<210> 34073
<211> 151
<212> DNA
<213> Homo sapiens

<400> 34073
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aaatgtttct ttggwattct tcagcctgtg a 151

<210> 34074
<211> 197
<212> DNA
<213> Homo sapiens

<400> 34074
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tcaaaagggt tgagtctgtg acaagcaagt ggaatttata tggaaagtaag ctgtatatca 180
ataattaaag ggacaaa 197

<210> 34075
<211> 273
<212> DNA
<213> Homo sapiens

<400> 34075
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<210> 34076
<211> 304

<212> DNA
<213> Homo sapiens

<400> 34076
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ctgt 304

<210> 34077
<211> 228
<212> DNA
<213> Homo sapiens

<400> 34077
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taatcaccat aaatttgaag ataatgtagg aaagctaata gccaaagacat ggtatactct 180
caattgacta gatcataagt aaaattatag taatggaccc ccctcgac 228

<210> 34078
<211> 214
<212> DNA
<213> Homo sapiens

<400> 34078
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cggtcttttc atcctctgct acggagaagg gacgaggaca cgggtcctgc agtggttggtg 180
tggcgaggcc cggaagaaga gagaatgggc ggcg 214

<210> 34079
<211> 156
<212> DNA
<213> Homo sapiens

<400> 34079
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tggatttttg tgtaatttac aggcagccaa aataagaatt gtccttgctc atagtacaac 120
cctttaattg acttgtgcct gagttttggt gtgagc 156

<210> 34080
<211> 92
<212> DNA
<213> Homo sapiens

<400> 34080
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aggcaggaag atggtggmcg caaagaagac ga 92

<210> 34081
<211> 82

<212> DNA

<213> Homo sapiens

<400> 34081

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<210> 34082

<211> 283

<212> DNA

<213> Homo sapiens

<400> 34082

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aaaaaaagat	ttccttttga	ttccaagatt	gtcccacatt	cagaggaaaag	agtaatagag	180
aacctgcagg	caaagccagg	atthtttctga	aggaacaatt	ctgtgtttga	ttcaatgcct	240
gaaaaggaat	cagttaagtc	ctcaaagttc	tttaaaacag	agc		283

<210> 34083

<211> 306

<212> DNA

<213> Homo sapiens

<400> 34083

ctgtgtggcc	tggtacatca	acgacatgaa	gaggaggcat	gagcacgcgg	tccggctcca	60
ggagattcag	tcaactcctca	tcaactggaa	ggggccgacc	tgaccaccta	cggggagctt	120
gtcctggagg	gcacattccg	cgtgcatcgc	gtgcgcaatg	aaaggacctt	tttcctcttt	180
gacaaaacac	tgcttatcac	caagaagcgg	ggcgatcact	ttgtctacaa	gggcaacatc	240
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<210> 34084

<211> 359

<212> DNA

<213> Homo sapiens

<400> 34084

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gtctctacta	aaaaaaaaaac	caaaaaacaa	aaattgggtc	ggcatggtag	tacacgccta	180
taatcccagc	cacttgggag	gctgaggtag	gagaatcact	tgaacctggg	aggtggaggt	240
tgcagtgagc	cgagattgtg	ccactgcact	tcagcctggg	tagtagagtt	aatgagactc	300
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<210> 34085

<211> 87

<212> DNA

<213> Homo sapiens

<400> 34085

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<210> 34086
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 34086
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 tatattatgt ggcaatcaaa actgccatca actgactgat tatcttacca caagaatttc 120
 aggatggtag actggctagt gatgggggcc c 151

<210> 34087
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 34087
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 cct 183

<210> 34088
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 34088
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 attttagatt aatttccttt ttc 83

<210> 34089
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 34089
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 tgcaacaatt actctattgt ttccttgctt tcaactatta caccctttaa ttagagttag 180
 tttggaagac atcacactgt tgctctttgc aaatgtaacc ttgcaacctg gtatttttcc 240
 tktctaaaaa tgaacaaaaa caacaacaac aacaacatgb gctaaaccct ccaccatgac 300
 cttcgttcta ggt 313

<210> 34090
 <211> 82
 <212> DNA
 <213> Homo sapiens

<400> 34090
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 ccaaagtgcg gggattacag gt 82

<210> 34091
 <211> 192

<212> DNA

<213> Homo sapiens

<400> 34091

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tgggagtggg gtgggaagtg atcgtgtggg gaaaaaaaaa agtttcgagc ccgtttcgca    180
tttgtggagt ac                                                         192
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<210> 34092

<211> 215

<212> DNA

<213> Homo sapiens

<400> 34092

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aaagcgagaa gagagccggg ggagtgtact tgtccctgac aggctgacct acctgagtct    120
ctgagctttt cagtccaaat ctttgcaagg ctcaaaatgc cacagaacct ctctcttct    180
ccccactccc catggcaggg accggaccat cccgt                                215
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<210> 34093

<211> 183

<212> DNA

<213> Homo sapiens

<400> 34093

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ggattaagca agcacagccc tagttgatca cccagcatga aaagtcctgg aatctctcag    60
agatgaacct gtgtatggga gttttgctta aagtkggtac ttcaagaagg tgcctctgtt    120
tactttgggt ttgcaactgcc atgcgaccag gtggtgcagg tctcccaaatt gccacccccg    180
aat                                                         183
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<210> 34094

<211> 91

<212> DNA

<213> Homo sapiens

<400> 34094

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ttggctgttg attagtacag tacaagtgcg atttcaaaaa gatcttgaaa gtaatatatt    60
taatcaatta aaatgtttat ctgtcaaaaa a                                91
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<210> 34095

<211> 119

<212> DNA

<213> Homo sapiens

<400> 34095

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gaaaatagaa atatgggttt gaaagatgtt tttctcttag cacttaaaat atgttccact    60
gttttctggc ctccatgctt tctgataaga agacattact tattaataatt agttccctt    119
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<210> 34096

<211> 162

<212> DNA

<213> Homo sapiens

<400> 34096
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 aatgaagggc taaagtttta atcataagag aaaaggcagc gt 162

<210> 34097
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 34097
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<210> 34098
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 34098
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 atgtgaaaca gggctcagtg ttctcacttg ccagcctaag ccaaaaatta gtggca 116

<210> 34099
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 34099
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 gcctcatatc tttttttttt tttttt 86

<210> 34100
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 34100
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 sggtaacca cargcwaat tttttkgtat ttttagtaga gacgahggtt tcagcaggtt 180
 ggccaggtg gtctcaaact cctgacctcg ggtgatctg agaggtgaca acatgctagc 240
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<210> 34101
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 34101
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 tttttttttt tt 72

<210> 34102
 <211> 165

<212> DNA

<213> Homo sapiens

<400> 34102

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ctatataaca tccaaccctt gtgagcccac cccaactca gaaacttgaa ggctactgca	120
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<210> 34103

<211> 205

<212> DNA

<213> Homo sapiens

<400> 34103

acattcatca tgagtcaggc attcagtaat cctcacaatg gccctagaaa ttggcctgta	60
ctattttcaa cccttaggga ggaggtgaca gacacataga acatctaagt aacttgcctt	120
gamaactcca caggcttgta agtggcaggg ccaggctctt agccctaaac catacattag	180
agatttatta tcatttaggt cccct	205

<210> 34104

<211> 233

<212> DNA

<213> Homo sapiens

<400> 34104

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tctagtctca atatgtatgt gtattgaata tactctaaaa attaatgtgs aaatttgcag	120
taggvcaatg crgtgrctgm ctaggcattag gtatgkttct tttataticct agctatgtcc	180
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<210> 34105

<211> 161

<212> DNA

<213> Homo sapiens

<400> 34105

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accaccacac ccggctaatt tttaaaaatt atttttagaga tagggctctg ctatgttgcc	120
caagctgktg gcaaacttct ggcctcaagt gatccccga c	161

<210> 34106

<211> 191

<212> DNA

<213> Homo sapiens

<400> 34106

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rtatggatrg cagctatkac cttccactct gtcattcact ctcttggtag tgccttttca	180
ggcacaaaag t	191

<210> 34107

<211> 101

<212> DNA

<213> Homo sapiens

<400> 34107

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<210> 34108

<211> 124

<212> DNA

<213> Homo sapiens

<400> 34108

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watk 124

<210> 34109

<211> 162

<212> DNA

<213> Homo sapiens

<400> 34109

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tgctttattt tcttgracat attakwatwa gttaaagtct gtatcttata actacacttg 120
aatcctatgt tggagatgtt tattgtttcc ccttgccgcc at 162

<210> 34110

<211> 213

<212> DNA

<213> Homo sapiens

<400> 34110

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aattgctgga tgtgtcctga gaactgtacc ccttccaccc tggcgagaag caggggccag 120
aaattcacac aagtggcatg gctcattgat tgtgggagac tctggggggc tcctagctag 180
tgcattatgg gaaccaggct gtggagggtg cag 213

<210> 34111

<211> 202

<212> DNA

<213> Homo sapiens

<400> 34111

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ctttatagag ctatttataa tttttttgat ttaagtgcc aaaaattgta taaagatata 120
tagttttata ctattgtcag gaggatttaa attatcctaa aaaggtaatt tattctctgt 180
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<210> 34112

<211> 353

<212> DNA

<213> Homo sapiens

<400> 34112

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mttttcccc	cataagccaa	ggaggtagaa	ttactaatac	aagggttaaa	gaaggtagat	120
tttgTTTTca	atatttgggt	aatattagaa	agattcttcc	cacaggggaag	aactagcaag	180
tgtcccaatt	TTTTTccaaa	cgTtggggag	gggaaaattc	actgtatcat	gaaaccctaa	240
gggtTtgTtg	cacttctctg	TTTTtaggcc	tggataacag	tatcaccatc	cttatttaca	300
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<210> 34113
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 34113						
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agtccagcat	cctggTtcag	gcttctgtmt	gcagtcagtg	ggcataccat	gtacmtgkct	120
aggaatgtg	gaaagaggta	taattgtcta	cc			152

<210> 34114
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 34114						
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gtctgtggtg	ttgtgttttt	catagtacat	aagattcaaa	aggcgtatga	tccccagaaa	120
aacaaatgtt	tgTtatatac	actagtgggt	tgagaaactt	actggctcat	aacatttatt	180
aaaattgaag	ccaggcttgg	ttgggtgcag	tggctcacac	ttgtaatccc	agcagtttgg	240
gagactgaga	caggcggatc	acttgagatc	aggagtTtga	ggccagccta	gccaacgtgg	300
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gtcctagcta	ctca					374

<210> 34115
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 34115						
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ctcctcctcc	tctcaggtt	tggaggggca	ttggaaaagga	aatgactttc	tcactgtgca	180
atgccaggct	ttgttcaagc	atttgggaaa	acaatgagga	ggcagcttat	tcccagctcc	240
agatctgatg	gctggaactc	cagttgccat	cttagatcat	taagtndwag	agacttgttg	300
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<210> 34116
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 34116						
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tagatacaat	tgtgattgga	tacttagata	ctaagtgaag	cttagtgtaa	caattttgat	120
ctgttaaatt	ggattttaca	tgtacatttg	aatgccagaa	tttctaaata	aatcccctgg	180
tc						182

<210> 34117
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 34117
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 tatctttaaa attgagcaag gggagtagrt agtrattaat tgaagagaga grtagggaag 120
 agttacctat ttgtaacatt tgtattttaga gtggcaca 158

<210> 34118
 <211> 125
 <212> DNA
 <213> Homo sapiens

<400> 34118
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 aaaagaaatg cgtggacagc agtaagtagc ttattttwag tattgctkda cttttctccc 120
 caccc 158

<210> 34119
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 34119
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 aaagggaggs agggagccac ccgggt 86

<210> 34120
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 34120
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 tagacagaaa atgaatgama aattaaatgt catatcaga 99

<210> 34121
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 34121
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 gtgatccacc caccttggcc tcccaaagt ctgggattac aagcgtgasc acct 114

<210> 34122
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 34122

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<210> 34123
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 34123	
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tggcaaaaaga tggtatggca gggaatagag aggttttaaat actgatgaaa taaaggggtca	120
ccatctcctt aggcacaggg aacagcttac tttttgccag atttcttaaat tccacttggtg	180
gccaaggggc ccttccccgt ggccttccat tttagctcct cgagtttctt ctgctcctct	240
ttttgtttct gcttgaaagc cttatcttcc tcgtccatct ccttggcctg cattcttggg	300
ctgtttcagt ggcttcttgc caccttcgtg gccggacatg gcgcctgccg scccttcccc	360
atc	363

<210> 34124
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 34124	
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aaggaagggtg acatttcagc taatctgctt cgcgctactt ttttgagggtg ggcacctggg	180
atggaggcaa ggaatcacga agtgcgctctc ctcggaaggg gcagcctgat gtctttaacc	240
actgractgt ggtttccaac tggatgcgct ttgggttcag ggctaagaca cgcgtaggcg	300
gtgcagacag ttcaattcgt gggcggtctt ttctct	336

<210> 34125
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 34125	
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agcggggaaa tagacagacg gttggaaaaa aaaaactgra grtcacacaa aaagagagga	120
aatccaaatc tcctcccaa gtgccattg tgattcagga cgatagcctt cccgcggggc	180
cccctccaca gatccgcac ccaagaggc ccaccagcaa cgggtgtgggc agcagcccca	240
ca	242

<210> 34126
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 34126	
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tgaggaaatt gaactcacia caagtatata gagacagggtc cccagggttaa aaagtgagtc	180
acagatttta aaaactcaga gtattttgtg accaatagca tttgaagtta tgcaaatcag	240
ataaagataa tcaaactctca taccacagca cagaaattga ttgccccggg gatccagcgc	300
ct	302

<210> 34127
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 34127
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 ctgcccacgg cttaggtaaa cttttcttgt ttagctcaaa aaaatcatag aacaaaagtt 180
 tccttcaccc atatttcttc cttggaactt tggaatttta aggtaggcac tgcagacgct 240
 ttgaaatttt aaggtagtcc ctttttagatg cccacctact tcctttttgt acctcatttg 300
 atttcattga attggtgtga accaaggggt aacaatcccc aaattccact acttgctatc 360
 catactagaa aaaagaatca acattttatt actt 394

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 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 34128
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 aagctgctta gcttttctat atctgtgttc tcgtcagtaa aatagaaatt gtagggctgg 180
 gcgcggtggn tcacgcctgt aatcccagca ctttgggagg ccgaggcggg cggatcacga 240
 ggtcaggaga tcgagacat cctggctaac acggtgaaac ccattctctac taaaaatara 300
 aaatraatta gccgggcgtg gtggagggt 328

<210> 34129
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 34129
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 ttccattggt ctatgtgtct gcttttgtac cgttact 157

<210> 34130
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 34130
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 actgctsyga aaatttctct gagtaattct gatttgtgaa tgatcccaga ccaaccctga 180
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<210> 34131
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 34131
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<210> 34132
<211> 326
<212> DNA
<213> Homo sapiens

<400> 34132
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aattactgaa atattcacia cagatgcatt gcccaagaaa gactttcctg ctaccatctt 180
cacaagtaac tctctaata gtcttcaata atatgggaca atgtaggcaa tcagagtcag 240
gggttcagct tccagtctaa tgctgccact tatctcaagc tgcacaataa ctgtaacaac 300
agtaactaca agagactctt tttttt 326

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<211> 137
<212> DNA
<213> Homo sapiens

<400> 34133
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tcctgtgtcc tatagggtcaa atgttatcca ctgtcaagat cagcttcgtt tagattaaca 120
acattaatcc ccaccac 137

<210> 34134
<211> 112
<212> DNA
<213> Homo sapiens

<400> 34134
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<210> 34135
<211> 68
<212> DNA
<213> Homo sapiens

<400> 34135
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ggaaaagt 68

<210> 34136
<211> 205
<212> DNA
<213> Homo sapiens

<400> 34136
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aaaattccag aatactttat attttcttga aggttaacttt tttgcacttg ttttaaggta 180
ttgttacttt atttacagcc aacgg 205

<210> 34137
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 34137
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 caatagggtt taaaatcttg gagccgtctt cccaatacc cctc 164

<210> 34138
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 <212> DNA
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<400> 34138
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 tctactaaa taacaaataa gtttaggcag aaacaggagt yattcamcaa aatgtttcag 120
 gacttagact ctgggtttcag acagaccctg gttcaaattc tggatccatc agtttcaaac 180
 tatgggaagt tgactaatta cttaacttct ctaagtctca ggaacatcat ctgaatatgt 240
 aaaaaaaaaat agagcccaca taacgagttg tcat 274

<210> 34139
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 34139
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 cttgcttttag tgtgttaacc tttattttgtg tcttgtttca ggcatttgta tattgttttc 120
 tcatctggag agtgagctgc actgttttcc ttcagtgtcg tttagaagag ctttcggaga 180
 ccagaaacat gttctttttg cattacccaa tatggtagca ctagccgccc 230

<210> 34140
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 34140
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 tagctttcag tttgttttga tatatatgta ggagtgaat tgttgggtca tatggtaatt 120
 ctgtgtttta tggttttgagg aactgccata gtgtttttca cagcagctgc accagtttac 180
 atccaacc 188

<210> 34141
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 34141
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 ttggtagagg cagc 134

<210> 34142
<211> 214
<212> DNA
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aatgactgat ttcaagtttg atttcgggtt grattgattg attgatagaa agaaagttgc 120
ttttcttttg agaattaaaa actttggcctt gatttctttt ttccctttgc ttatatctag 180
cattagaatt ttgtcttaaa ataacagcgg taag 214

<210> 34143
<211> 233
<212> DNA
<213> Homo sapiens

<400> 34143
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atctgatgtg ggccacaaag cactgttggt atcctcattt ggcaataaga agactgagtt 180
ctagagaggt ggaataagca acttggtgca gtcatttttt tttttttttt ttt 233

<210> 34144
<211> 335
<212> DNA
<213> Homo sapiens

<400> 34144
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tgagcttctt aggaaaacat taatggatca caaacttgga gggctgtatg gtttttcatt 180
taagaaagta attgtcgtgc aataaagtta ttaagccttg ttttaagaata tttttatttt 240
gtacatcaag tggagttgga aatagttggg ttcataatga tatatttcaa aagtatcttg 300
aagtcacatcg gttcatttca ctaccagggg caca 335

<210> 34145
<211> 124
<212> DNA
<213> Homo sapiens

<400> 34145
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aatcagttat gttgaagaaa tgctgcact tavsrtatkc attgcagcat tatttacgat 120
agca 124

<210> 34146
<211> 116
<212> DNA
<213> Homo sapiens

<400> 34146
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aataatgtat atttcaaaat agcttaaaga atagattttt aatgttctca ccaccg 116

<210> 34147
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 <212> DNA
 <213> Homo sapiens

<400> 34147
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 ttgtatTTTT tagcgtttca agagcataat tccccttatg gtatgtct 108

<210> 34148
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 34148
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 ttccccatga atgaagagtt tcacagctct aaggtaccac ctccagcac 109

<210> 34149
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 34149
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 tggggTTTTT ccatgttggc caggctgggc tcgramctcc tgacctcagg tgatccactc 120
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 tttttttttt tt 192

<210> 34150
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 34150
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 caaaggggca gacagccagc gtgtcaaatg gtaacagcag gagggagaga gaggagagga 180
 aggtcacaga ctcttttaaa caaccaaata ttgtgtgaac taattgaggg cgramtcact 240
 tgtcaccaag gggatggtgc tacaacattg ataaggTTTT ctctcctatg mtacaahng 300
 gdtcccacaa 310

<210> 34151
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 34151
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 tggtagtgca ggtgtgcacc accatgcctg gctattTTTT tgtattttta tagacgggtt 180
 tcacatggtt ggcctggctg gtctcaaact cctggentca agtgatccac ccacctcggc 240
 cca 243

<210> 34152
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 34152
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 gagatgccct ctgacttctg rgrrcarctg gaccaccc 98

<210> 34153
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 34153
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 tttcttktct tkkctttttt tttgagaggg agtctcgctc tgttgc 106

<210> 34154
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 34154
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 acttatcatt cagatggtaa tttaact 87

<210> 34155
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 34155
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 gagagtgaga ggataggact caggctttgc cgacgaccag aatattagrt attawyaatk 120
 gcccgac 127

<210> 34156
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 34156
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 gaggtggatg atgatggctc ataaaaacgt ttgtttctcag tccagttcag ggstctgcma 120
 gcagtctttc agatttgaac tgcttaaaca aaccctacag ataaattggc actctgattt 180
 gtaattctgt ttgtacaagt ttagagcagc ctagctcgag tcctcaaccc cagtcctctt 240
 msaagtgaac tgattgcact ggatccctaa acccacaatg ttgaggacac atgtgatgac 300
 tccacttgct cagccagctg gcctvnkgca ctttccctg cccac 345

<210> 34157
 <211> 288
 <212> DNA

<213> Homo sapiens

<400> 34157

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caaatgcctg	gcacaaagga	gacctcagt	aatgtttgct	gaagaaacca	aggagtaagg	120
attwacgtgc	agggaagcaa	ctcagacact	gcaaagaaat	attaaagaag	ggcaagtgc	180
aggggccctt	tcnmtccttc	aatacatgtc	agaaggagt	gacagtggcg	agacggtccc	240
taaagggttt	tgaagcccaa	ggagggatg	aggtttggcc	ctggattt		288

<210> 34158

<211> 188

<212> DNA

<213> Homo sapiens

<400> 34158

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ggtgagaaga	ttgcttgggc	ctgggaggtt	gaggctgcag	tgagctatga	ttkgctccca	120
gtttgggcaa	cagactgaaa	ccttgtctca	aaaaattaaa	aaatgaaaaa	gaaaccagta	180
agtaggaa						188

<210> 34159

<211> 309

<212> DNA

<213> Homo sapiens

<400> 34159

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tgctagcatc	ttctcacgtt	ctggtgaggg	cctcaggaaa	gtttaaatca	wggcagaatg	120
caaaggggca	gacagccagc	gtgtcaaatg	gtaacagcag	gagggagaga	gaggagagga	180
agggtcacaga	ctctttttaa	caaccaaata	ttgtgtgaac	taattgaggg	cgaactcact	240
tgtcaccaag	gggatgttgc	tacaacattg	ataaggtttt	ctctcctatg	atacaatcwc	300
ctcccacaa						309

<210> 34160

<211> 259

<212> DNA

<213> Homo sapiens

<400> 34160

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tcccggctca	cagagcacca	ggtaagtga	tgagcccact	ttgtacytgt	kggamytma	120
ccttgggcgg	gtggagaagg	gctctgggcc	attccctggt	ctggtgtgtg	ggaataggtg	180
gggcaggcat	cgtgtgactg	tcagtgtctac	tgacaggtgg	cagagccccc	tgaggactgg	240
ccagcactaa	tttggcaac					259

<210> 34161

<211> 103

<212> DNA

<213> Homo sapiens

<400> 34161

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cacattgttc	cgtgtcagc	ttastataca	acrccasctt	ccc		103

<210> 34162
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 34162
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 tcacctggca atgtgcattt aaatttycct ctatgtcttt tcatggggtg atagctcatt 120
 tcttttttagc actgaataat attttggttg taccacagtt caccattca tataactaaag 180
 gacatcttag ttgcttccag gttttagcaa ttatgaatca agctgctata aacattcatg 240
 tgtaggtttt tgtgtagaca taagtttgca cctccttggg gat 283

<210> 34163
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 34163
 tattttcttg tgagttcatc taaatgagtg gaaggatgcc tgtaatatatt 50

<210> 34164
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 34164
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 agcctcccaa accgcttcca taaggctttg cttttccaac ttcagctama gtgttagcta 120
 agttttggaa agawggawra aagaaaatcc ctggggccct tttcttttgt tctttgcaa 180
 agtcgtcggt gtagtcntth tgcccaaggc tgttggtgtt ttagagggtc tatctccagt 240
 tccttgcaact cctgttaaca agcacctcag cgagakcagc agcagcgata gcagcc 296

<210> 34165
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 34165
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 t 61

<210> 34166
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 34166
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 cctcctgaag taactgggat tacagggtgca taccaccatg cctggcacat ttttgtaatt 120
 tttagtagag acagggtttc acccatgtta gccaggctgg tctcaaactc ctgacttcag 180
 gtgattcgcc cccctcagcc taccnagggt ctgggaatac agattatagg catgagccac 240
 tgcgcccgcc gcc 253

<210> 34167

<211> 187
 <212> DNA
 <213> Homo sapiens

<400> 34167
 caaaacttgt aaaggtaatg aaatgcttat ttgaaggaga ctgagaatga actcaagagg 60
 aaaaaagtat tttctccaaa cattgcatat gtataaagca aaaattttca graattaaga 120
 gaaggagaac atgtatgtgt ttgggtgttt aagtttgaaa taaaatgttg ccaaaggag 180
 ggccgta 187

<210> 34168
 <211> 257
 <212> DNA
 <213> Homo sapiens

<400> 34168
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 taagagacat gtaagggcaa ccttgatca cacaggaagg atttgggggt ttattkraag 120
 gctyctggaa agaagaaatr ttttaagggtg taaattaact tgttttaaat tttttatfff 180
 tgtgattaac actgtgagat atttatgtac ctagtccac ttctgattgt atgttgagtg 240
 tgtatttctg ggagaat 257

<210> 34169
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 34169
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 gatattcaat aggggaactga gagagagaga gagaaggag aatttgggga agagaatarg 120
 ggtggaaggt gggcttttra attgttttgc ttttaggaat agttaaata ttaagtagcc 180
 tattacagtg tgaatagagc aagttttcag ctaaaccttc taacagaatc tacatttgat 240
 tcttctctct ctgtagagag gcttacattc atttggaggg gaactaatcc cgtgacttct 300
 aggttatctc ttagtttctt ctvngwatg acattattgg cagacactag aggacttaag 360
 ggagagcggc ta 372

<210> 34170
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 34170
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 ttgacatttt agagtggata aatttttttg tgcttttttag aatgttttagc agtrwtscyt 120
 aa 122

<210> 34171
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 34171
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 atcttactac tgggcatata ttcgaaggaa atgaagtaag tatgttgaag agrtctttkg 120

cactcccacg	tttattgcag	cagcattcac	agtagccaca	atacaaacca	accatttcagc	180
agatgaatag	atacagaaaa	tgtggtgcat	atacacaatg	gaatactatt	aagcctttaa	240
aaagaaggaa	attcgggtcat	ttgctataac	atggatgaac	ctbaaggact		290

<210> 34172
 <211> 279
 <212> DNA
 <213> Homo sapiens

<400> 34172						
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gcagtggctg	gtactgggtg	tttccttcca	tgcttagtgc	ttccttcagg	agctctttta	120
rgdmcaggct	tgggtggtgac	agaatctctc	agcaynwgt	tgtctgtgar	ggatttwatt	180
tctccttcac	tkatgaagct	tagtttggct	atgaaattgg	atatgaaatt	ctgtgttgaa	240
aattcttttc	tttaagaatg	ttgaatattg	gcccccgac			279

<210> 34173
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 34173						
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cagcctggac	aatatgatga	aaccccatct	ccacaaaaaa	ttagctgggc	gtggtggsar	120
gtgtctgtag	tcccagctac	ttgggaggct	gtggtgggag	gatcgcttga	gcacgggagg	180
cggaggttgc	agagagccga	gattgsacca	ctgcattcca	ggccgggcaa	ka	232

<210> 34174
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 34174						
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gctgggatta	cagatgtgag	ccaccatgac	tggct			95

<210> 34175
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 34175						
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aaattaatac	cactaccggt	gaattatatg	gcctgacaat	atgaattagg	tgtactgtac	120
tgaagaacag	tactccacaa	acatgggttg	taacaagagt	tccatcccag	gaggccaaac	180
ggtgcaacag	aagggtaggt	tagatgctat	taagaaggca	cttaatagta	catcatgtaa	240
gatggccact	c					251

<210> 34176
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 34176

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tcacaaacta	gaactgggtc	ctgagaaaatt	cacatttggt	gaattagtat	tgattttatk	120
tatcttcaga	ttacatttgt	tacaggtgtg	tgccttttct	gcaactacct	tttgaaaaga	180
tagcctaatt	aaaagtcttt	ctatcccccc	ttcagaattt	acaactgaga	tgcta	235

<210> 34177
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 34177						
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aattgggaaa	tttaattcat	ttacatttca	tggttattat	tgatagataa	gtactaattc	120
ctatcatttt	gttaattggt	ttcttgttgt	tttgatatc	ctttgttcct	tttttccctc	180
tccttgttta	ttatttcagt	ttgttggttt	tctgtagtga	taagattcga	ttcttttttc	240
tttcttcttt	gtgtatctga	tctatcagtg	agttttatac	tttcccatgt	tttcatgatt	300
gtgattatca	tcttttcact	tacggtaacc	acccggctac			340

<210> 34178
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 34178						
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attatctgtg	ggccacactt	agaattgctg	twtttygttt	gthtgtwtgt	ctgtttgttt	120
ttgagacgga	gtcttgctgt	gtcaccagg	ctggagtga	ctggatgat	cttggctcac	180
tgcaacctcc	tcctcccggt	ttcaagavat	tctcctgcct	cagcctcccc	t	231

<210> 34179
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 34179						
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ccctgaagaa	ttttccatga	aactgggtgt	atgcatatatt	aatacatatt	tagataattt	120
ggtatatgat	ttagagactg	tatgatcttt	ttttcttgtg	atgatgggaa	ac	172

<210> 34180
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 34180						
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ggtgcagttt	tgtaagcaaa	cttttgttcc	caccggattg	g		101

<210> 34181
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 34181

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 ggtagcctgt tacagtgtctg gattcawaaa aagggccttt atggtttgtg aaagaatatc 120
 tgtgtgctta gggaggaaac tttttgatct gcagaaaagc cagaagacat ctt 173

<210> 34182
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 34182
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 ttttactcaa cttttctttg ttttgaaaac tttgtttccc atactgtttt cagccttttg 120
 tttataatta gaaattgtga gaagcaa 147

<210> 34183
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 34183
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 tatcccaggc tagagagcag gaccctgtct cagaaaaggg ttagaactgg ggttgaaacc 120
 tgtgttagta tgatgactaa acccaastct taacccttac atgctcccc 170

<210> 34184
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 34184
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 acttctgttt gtggttctca aatctcccc aattgagtkc cagtaaaaga caaacttggg 120
 gagtgccacc ttatctctat aactgtatac cttttctatt gctcactcca gccagatgen 180
 atatccttgc caagcaccct ccc 203

<210> 34185
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 34185
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 ctgtggattc agatactgtt tttctcccga aataggaaat tggcttattt ttttctcctc 120
 ggcagcatct taatttaaaa tatgacactt gaccggcc 159

<210> 34186
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 34186
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 crvcaaaaaa cccccgc 137

<210> 34187
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 34187
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 tctgcctaaa tccgaagctt ccaccctcct ctgcctctgt gacttgctgc gtgrcttttg 120
 gaagctttcg gaaactcagt ttccctgtct taagccca 158

<210> 34188
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 34188
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 cttttcctaa ggatgtatct gtggtgtag ttgggtaagg tattttggct ttgattctgt 120
 gtgcatgcag tagtgtggtc tctgtatgat ttctttgact gtacactttg ttagttgcat 180
 gtgaaattcc ctccgtggca gta 203

<210> 34189
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 34189
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 ctgcctcagt ctcccagata gct 83

<210> 34190
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 34190
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 ctgttkvcaa ctccataaaa acatttcaga ttttaatccg aatttagcta atgagactgg 180
 atttttgttt tttatgttgt gtgtcacaga gctaaaaact cagttcccaa atccccagtt 240
 tatgcagcgc catcaggtat ttttaagctaa ackkettcac ccctgagagc atgtcagctg 300
 gagaaaagca gttct 315

<210> 34191
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 34191
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 attctaagga gcaggtgata ctaagaacct ctattctgca ttatctatta gctctctgca 120
 tttcccggtc ataacttta ccaattcaat ttaatgcaat attaatttat tgagcatctg 180
 ctacgtgtaa aggataactt ggtgaataat tagtgaataa aacatacagg atcca 235

<210> 34192
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 34192
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 tcattttaatt ttaaaaaaca ggtattcaat aaaattttat gattaacccat ttatatattgg 120
 ctattcttat tktttcttta aaattaacaa taggaatcca gaaacgtttc ggaccacc 178

<210> 34193
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 34193
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 acacacacac acaccgccac c 141

<210> 34194
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 34194
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 atgraaatct gtgacaaaca gcgtcagtggt ggccatgtcc acattcctac atgtctctct 180
 ctacaagcac ctctctarga agcctgacat cccggtggac tcttkrtagt catgtacact 240
 tgrttccagr tgagcwctgg tcttatctgg atgctcagak aa 282

<210> 34195
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 34195
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 acttgtgac cactgcctc agcctcccaa agtgctggga ttacaggcgt gascaccgtg 120
 cctgcca 128

<210> 34196
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 34196
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 aacagtcatt gaattgtaca cttcaagtga gcgartttta tggtatgtaa attatacctc 120
 atgaaaactt acgtaaatgg atgagcaaag gtgtaccagg ccca 164

<210> 34197

<211> 328
 <212> DNA
 <213> Homo sapiens

<400> 34197
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 gaggctgagg tgggagggtc aacttgagcc cagaagtttg aaaacagcct ggacaacata 120
 gtgagacccc atctctatat tcttcaataa agaaaaataa aagtttccct atcattgtac 180
 agaggaaaaa cagaagttga aaaaactccc cccagaccga gttggggcca actttgatca 240
 cagctccagg accagtgcag gctggctgcc ctcttttggc cgcgtctgga ataatggacg 300
 ccgctggcag tccaggtawg tgtgttca 328

<210> 34198
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 34198
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 ttggccctgg agatgrttta ggcacagggt gttccatctt cctagtccaa gatgtacata 120
 gttgcagaga agtttggctt ttcgttaaat tgcacccttt cttcccagat gcacaccggc 180
 tgcaccatgt cagcagcctg gcctggctga acgagcacac gctggtcacg acctcccatg 240
 atgcctctgt caaggagtgg aca 263

<210> 34199
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 34199
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 ttgcatgtga tgaggagtgt ttacttcca attrtgtgat aaattttaga ataagtgctg 120
 tgtggtgctg agaagaatgt atattctatt gctttggggt agaaa 165

<210> 34200
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 34200
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 gaagaaattc tacagraaga ggattacaaa actcttagaa gaattgagag aagccaaaga 120
 aaaccatata ccagagatga aacatttcgt gggcttagaa aagaaaatta agcagatgga 180
 aatgagacat gcacaaagag aacaggaact tcaacagata atacagcaaa cacaccaa 238

<210> 34201
 <211> 293
 <212> DNA
 <213> Homo sapiens

<400> 34201
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 tctatgaaaa aaaggaaata tvaagsatcc kbcyccta at tcagtcttcc aycacctgca 120
 gggmgccaa ttcttaaaaa gtacttcaca aaagaagact gtgttttcaa agcaaactag 180

attttaagaa accctatggt cgaatgtaaa tgmaaaagca aacgagacat tttctaacct 240
 taaagcatac taaaagattk actttttcaa gaatcccaat gtatggcaaa ttt 293

<210> 34202
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 34202
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 aactagtgtc agacaattca cctgraagkb ccaataactt tggaaccaa gttagatgtc 120
 ataaaacact acatagaagg ccagactact gctgtgacaa tttaggagac agcactccgt 180
 aaaatatcag aggcaatg 198

<210> 34203
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 34203
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 atatccagaa tctacaaaga acttacacaa atttacaaga aaaaaaaccc ataaaaaagt 120
 aggtgaagga tatgaacaga cattttctcaa aagaagacat ttatgtggcc a 171

<210> 34204
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 34204
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 tacatgtgcc atgttggtgt gctgcaccca ttaactcatc atttaacatt aggtatatct 120
 cctaattgcta tccctccccc ctacccccac cccacaacag gccct 165

<210> 34205
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 34205
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 ctgtaaaccg agcactttgt gagaccgmgt taggcgaatc acttgaggtc aggagttcaa 120
 gaccagcctg gccaacatgg tgaaacaccg tctctactaa aaatacacac agaaaaatta 180
 gccacacgtg gtggcaggca cctgtaatag ctatttggtg ggctgaggca gaagaattgc 240
 ttgaaccg 248

<210> 34206
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 34206
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 attttaccta tatttaaaat tttataagat tattgtgtat agtcagtatt catttagttt 120

tagctataca ttctttctgt tattctttgt atcttcttgt ttctagggcc ac

172

<210> 34207

<211> 156

<212> DNA

<213> Homo sapiens

<400> 34207

taaaaaaatg	tcaggaagga	ttgctcttgg	ggaagaaaaa	tgttacttga	tgactttgta	60
gtctttaaagg	tagataaggt	tttttttgaa	aaaaatcctt	actgctaata	accaaatact	120
taaaccttct	tgatttcagc	atttttaaatg	gaaccc			156

<210> 34208

<211> 237

<212> DNA

<213> Homo sapiens

<400> 34208

agaaaccaca	tctctactcg	tgaaccagga	gtttggggat	ggcaaggaga	aggccagtgt	60
tgattctgac	agcaatcttc	tggctctcat	tcgagatgtc	ttacttcccc	agtatgagca	120
cattctttta	gaacctgacc	cagtaccagc	atatgctctg	aaactgctag	tcgcgatgac	180
tgaacacaac	ccaactttca	caagacttgt	ggaagaaagc	aaactgatcc	cagctca	237

<210> 34209

<211> 208

<212> DNA

<213> Homo sapiens

<400> 34209

gagtttacga	tcccccatgc	ttttttcaaa	gttgctgagg	ggcgggaatc	ttcgttgcgg	60
gaagaagara	aggcaaatcc	ggcctggaag	cggggggccc	tgarctraga	gccagakaag	120
ggccatttcc	cttccccctg	acctcggaat	cgcccagcta	tctatccctg	gctcctggag	180
aaacttgagg	gagggccctt	gaccccca				208

<210> 34210

<211> 130

<212> DNA

<213> Homo sapiens

<400> 34210

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acttgtgatc	cacctgcctc	agcctcccam	agtgtggggg	attacaggcg	tgagcyaccg	120
tgccctgccca						130

<210> 34211

<211> 253

<212> DNA

<213> Homo sapiens

<400> 34211

aaaacatgat	acttttttgt	tttctgtagc	cttggtGCCa	ttgttgatct	ttattaatta	60
tcattatcct	caaaatagcc	ataatgtgct	gagtctcttc	ctatttgctg	ggcagaggct	120
gagtadtcca	gcgagctcac	tgagtcctta	aaattgcatt	atgatagaga	gaaagagatt	180
attattttgca	ttttgcaaaa	tgaagaaatt	gagtttttaga	gatacccaag	ggccacgtga	240

gtgtgagtgc cgt

253

<210> 34212

<211> 112

<212> DNA

<213> Homo sapiens

<400> 34212

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tgtttcaaag gaatcttgtg gtaagtattt ttgcatgatg tactcaaggc tg 112

<210> 34213

<211> 119

<212> DNA

<213> Homo sapiens

<400> 34213

atcgtagag acatgcaaat taaaactaca atgagacacc atctcacacc agtcaaaatg 60
cctctttcta aaaagtcaaa aaaatamcag ctagtaagggt tgtggagaaa agggaacga 119

<210> 34214

<211> 183

<212> DNA

<213> Homo sapiens

<400> 34214

ggcagagctt gggcctgggc tcacgaggaa ggggctgcag ttctccaagg attcccgctt 60
gctcccagac ccccgagggt cgtarsgaac ccgttcctgg acgctgacgt cggctttcag 120
ggatccctcg ccggacgccg cggagggaca gagcttggga agccgtcgcc ccgccccgtc 180
ccc 183

<210> 34215

<211> 350

<212> DNA

<213> Homo sapiens

<400> 34215

aaaaacagaa ggaaagaact tctccagagg ataattgtgg agcttgttga atttatatct 60
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agtagccga ggtgaaatgg gtctacagag aaaagaaacc ttgtttattc cctgtgaaaa 180
tgagaagatt tctaaacagc tccacctttg ttacaatatt gwgaagatc gttatgtttg 240
agtttcaa atacaatcaaa ccatttctgg atgggagaat ggcgtgtgga aaatggaatc 300
tatattcaga aaagttgaaa cagactggca catggatat ttggccctaa 350

<210> 34216

<211> 264

<212> DNA

<213> Homo sapiens

<400> 34216

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tagasacatg agtcagtgtc tataaaatgg cacttaacta atttyttct tttattaagt 120
tttatttcac aggcttaacc aatacgtgtt aaaagcaagt tacattttct cttttaggma 180
attatmcatt ttctctcagt aagtgtttat gatgcacttc cattgacaag acttgaagga 240

ctaaaggatc ttcgaagaca actg

264

<210> 34217

<211> 375

<212> DNA

<213> Homo sapiens

<400> 34217

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aggaatttct	taaacttttg	tactttgaca	tgctgataag	ctccagaatg	atattatata	120
ttagctaaag	atgaattatg	ggttttgggt	ttccatttcc	ttaaatcaac	agcatgttca	180
gttacagcac	attgctaagg	gttaattttc	aaaccaatga	gtggtgagaa	gggctagtga	240
aaataaaagg	ggaaaaaccc	aactataact	ggtaaaactc	tttctatgtg	aataatattt	300
tktcttttgc	atttgctgtg	tcttctggag	gaatgacagt	tgtgtaattc	agtctggttg	360
gagagacagg	caacg					375

<210> 34218

<211> 264

<212> DNA

<213> Homo sapiens

<400> 34218

ttttcaaaac	cttaacctac	tgggaaaaat	gtaaaccagt	tttatggaac	atgatgat	60
tattttat	atktat	ktat	gtgtag	ctgtcgcca	ggctggagt	120
cagtggcatg	atctgatct	tggctcactg	caaactctgc	ctcccggtt	caggcgattc	180
tctgctca	gcctcccgag	tgcgtgggaa	tacaggcacg	caccactgtg	cctggcta	240
ttttgtgt	ttagtagaga	cgga				264

<210> 34219

<211> 225

<212> DNA

<213> Homo sapiens

<400> 34219

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agattatgca	ctatttgtct	ctctgtatct	ggcttattct	acttagcata	caatttgcca	120
ggttcatcta	aattgtcaca	tatggtataa	atttccttct	ttattaaggc	tggatattat	180
tccattgtgt	gtgtgtgtgt	gtgtataacc	ttcaccaccc	cttga		225

<210> 34220

<211> 285

<212> DNA

<213> Homo sapiens

<400> 34220

attctaaaag	ggtaggggggt	gtacgaacag	ggagtaggtc	acaaagatca	catgcttcaa	60
agggcaaaag	ggagaacaaa	gatcacatgc	ttctgaggaa	acaggacaag	ggcaaaatca	120
gaactactga	taagggttta	tgttcagctg	tgacagtatt	gtcttgataa	acatcttaaa	180
caacagaaaa	caggggttcaa	aagcagagaa	ccggtctgac	cacaaattta	ccagggcaga	240
gttttttccc	caccctaata	agcctgaagg	tactgcagga	gacaa		285

<210> 34221

<211> 249

<212> DNA

<213> Homo sapiens

<400> 34221

tcgaatccta	gtagttttac	atttaaaaaat	rtaatatattgg	ccaggcgcag	ttgctcatgc	60
ctgtaaaccc	agcactttgt	gaagaccgag	gtaggcgaat	cacttgaggt	caggagttca	120
agaccagcct	ggccaacatg	gtgaaacacc	gtctctacta	aaaatacaca	cagaaaaatt	180
agccacacgt	ggtggcaggc	acctgtaata	gctatttggg	aggctgaggc	agaagaattg	240
cttgaaccc						249

<210> 34222

<211> 64

<212> DNA

<213> Homo sapiens

<400> 34222

ctctcaagct	tggcgtwtgt	ttggtggggg	tacacgcggg	tkcaacatgc	gtatcgaaaa	60
gtgt						64

<210> 34223

<211> 124

<212> DNA

<213> Homo sapiens

<400> 34223

tatcttgaca	cctagcacaa	atgttttggg	taagtatctt	aaaactgatg	gatggtatgg	60
cgtgascact	gcacctggcc	cagaagtaga	tttttaatgc	tgatgtcagg	gtagacaggc	120
agct						124

<210> 34224

<211> 205

<212> DNA

<213> Homo sapiens

<400> 34224

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acagggcagc	tcattaccag	agccctgggc	accacatcca	ctagtttgta	aaacttaggt	120
tttacacatc	tcccatcatc	acgggtggag	gctctgagaa	tgacactaac	tcacaactac	180
tacttcttat	gcgaaccctt	cctcc				205

<210> 34225

<211> 68

<212> DNA

<213> Homo sapiens

<400> 34225

atgcacactt	gataatgctt	tgatagtagt	gctggctctgt	tttgcttttt	tttttttttt	60
tttttttt						68

<210> 34226

<211> 281

<212> DNA

<213> Homo sapiens

<400> 34226

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tgccaccatg	cctggctaata	ttttcttbwt	gtatttykaa	atagaaacag	ggtttggcca	120
tattgcccag	gcttgtctca	aactcctgag	ctcaagggat	cttcctgcct	tggtctccca	180
aagtgtctgg	attacaggca	tgctccactg	tgcccagcct	atttttctta	tttgtaggga	240
gaccaaggca	ggaagatccc	ttgagctcag	gagtttgaga	c		281

<210> 34227

<211> 416

<212> DNA

<213> Homo sapiens

<400> 34227

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ctcctttgct	tcctccaagr	cttagccsaa	ctccttcccc	ctcagagaac	caaatagcct	120
gaggaagcag	gagagtccct	ggttatggca	gtttcttggt	gatttggggc	ttcaagacag	180
taggtgagag	atgctgtcag	gacgtatctt	cttcatacca	aagtcactgg	tcctttctca	240
gcctctctcg	tgcttttctc	ctaataacca	tatttttgcc	aaahnnnggg	atatgttatc	300
tgacagacca	gwwtatattg	agtttgggct	gtcctgaaag	tctggacttt	ggtggtascc	360
tcctccccca	gcccattctgt	tgacatttat	actccgtgtg	ttcttcaact	ttcggc	416

<210> 34228

<211> 232

<212> DNA

<213> Homo sapiens

<400> 34228

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cagcctggac	aatatgatga	raccatck	ccacaaaaaa	ttagctgggm	gtggtggcag	120
gtgtctgtag	tccarctac	ttgggaggct	gtggtgggag	gatcgcttga	gcacgggagg	180
cggagggttg	agasasccga	gattgcrsyw	ctgcattcca	ggccgggcaa	da	232

<210> 34229

<211> 360

<212> DNA

<213> Homo sapiens

<400> 34229

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catttgtttt	ttagaagaat	ttgtaarggt	aggttttaaa	attctttcaa	tatttggtag	120
cattcaccag	tgaagccatc	tgggcctggg	cttctcggtg	tgagtttttt	taattactaa	180
tttaacctct	ttacttgcta	tagatcaatt	ttttatttct	tcttgagtcc	atttcagtaa	240
tttgtgtctt	tctaggaatt	gttcatttca	cctagbttat	cttaatttgt	tgatatwgaa	300
ttgctcatag	tattccttta	taatcctttt	tgattttctta	atgccagtag	ttctccctca	360

<210> 34230

<211> 258

<212> DNA

<213> Homo sapiens

<400> 34230

ctcaagtgcg	cggtctatta	ctttgtaata	tgccactgtg	agtactgaca	tttacagttg	60
tttaaagggtg	gagcactgga	aamcagcctt	tccccctttt	tctgtgtatt	ggggatggga	120
gtaataacat	tttgggaagg	tttttaaatc	tcccagaaga	ggaaagtggc	ctgctttggc	180
aggtgtgtgc	aggatagaat	atgtttcatt	tgttccggtg	ccaagaatga	gtgctgtact	240

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258

<210> 34231
<211> 332
<212> DNA
<213> Homo sapiens

<400> 34231
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taaagatgtt atttgcaaaa tgtctgatgt gtcaaaattc actatccatc tggagattgt 180
ttaaatgtgg tctgctagac tgggggtgaag aatagttctt ctcggttggc ccccaaacca 240
tctgtacctc gattacctga taagcttggt aggttgagcgt ctccagggtt tctaacccaa 300
gtcttagggc aggaacagag aagctgaaat tt 332

<210> 34232
<211> 66
<212> DNA
<213> Homo sapiens

<400> 34232
aacagggttac ctacataatg ggaaaaaatt ttgcaatct acccatctga caaagggtta 60
atatcc 66

<210> 34233
<211> 264
<212> DNA
<213> Homo sapiens

<400> 34233
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tattttatatt atttatttat ttatttttsr ggtgtagtct ctgtcgccca ggctggagtg 120
cagtggcatg atctcgatct tggctcactg caaactctgc ctcccgggtt caggcgattc 180
tcctgcctca gcctcccag tgcgtgggaa tacaggcacg caccactgtg cctggctaata 240
ttttgtgttt ttagtagaga cgga 264

<210> 34234
<211> 119
<212> DNA
<213> Homo sapiens

<400> 34234
caaaacacaa agggagactg caagagagaa gagatgaagg aagaagacta acataaagca 60
actaacaata tagcaatagt aaattcttcc cttagcaataa ttacaggaaa cgcacattc 119

<210> 34235
<211> 212
<212> DNA
<213> Homo sapiens

<400> 34235
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gaacaaagag acagtgcaca tttgttttaa tgtgmcatca aagcaagtat tgtagcactc 120
ggtgaagcag taagaagctt ccttgtcaaa aagagagaga gagagagaga gagagaaaa 180

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aaaaccacaa atgacaayma caahacggac tc 212

<210> 34236
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 34236
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<210> 34237
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 34237
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 tttgtgaggc agctctttta gacgttcaga ggtaagaaat actggattta taaagcaaat 120
 ggctgttttg gggattccaa ggatttacct aattgtccaa ttctacgtgc tct 173

<210> 34238
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 34238
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 ccaggtaaac aaccttttat ggggtctattg actgaggaca gaaaaaccct ttatagtcta 120
 gaacccagag attgagtcctg cttgccatct acactgaagc aagacttcag gaccttgaac 180
 cttaggttga taatctcaca actgagaagg ggccctccaa attcttgcaa ttgtatgccc 240
 attggagttt tttttttttt 260

<210> 34239
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 34239
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 gttttaacag attggctaata tgtaacccaa acttttctct ccaaaaagta tgcattgcat 120
 ttaaaattaa ttattttgat ttgaatcttg cctgagt 157

<210> 34240
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 34240
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 gggactaaat atgactttaa agrgacttca aaatattgag tattttaaaa atttaaaagt 120
 aggtcagttt ataacgagta aatacctaac acaccaagaa tgtgcagtga acctcaggca 180
 ttaagacac ctccccacc gccaccccc c 211

<210> 34241

<211> 151
 <212> DNA
 <213> Homo sapiens

<400> 34241
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 tgtattccag cctgggtgat agaacaagac t 151

<210> 34242
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 34242
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 actatgagga agtaggagga gttaggaatc cctctgaggt ttccagctag ggtgattaac 120
 agacagggta tgcaaaccaa ggaggcttga tgggggcct 159

<210> 34243
 <211> 75
 <212> DNA
 <213> Homo sapiens

<400> 34243
 ccttgccagc attcggttatt gcctggcctt ttgataaaag tcttttttagc tggggtaaaa 60
 tgattttttt ktttt 75

<210> 34244
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 34244
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 gtattttttat tgaatattca atgacccttt ccttcctccc aggcctccag gccgtaagca 120
 tcgagagagc ctgagtcctt cgc 143

<210> 34245
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 34245
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 ctggtattcc attactatct tttcctt 87

<210> 34246
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 34246
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atcatgttgt	agctggctct	ttttatgggc	tagttttatt	taggagggcc	tgccttgatc	120
aatcatatat	ccaaattcag	gtaaggatga	gtataaagaa	tttccatgga	gtgagtaatt	180
gaaccttttg	ttctcaakva	ttggtagtat	attcctgggc	acatagtaca	tagacctggg	240
tcctctactt	cttggttacc	caacta				266

<210> 34247

<211> 389

<212> DNA

<213> Homo sapiens

<400> 34247

tataaaagtc	aactgtgttt	acaagtatta	gcaatgaaca	actggaagtt	gagattttta	60
aatactat	ttt acaatagcat	sraaaattaa	aatrtrttcaa	gctgggtgct	gtagctcagr	120
kctgtaattc	cagcactctg	agaggctgag	gtgggtcaaat	cacatgagct	caggattttg	180
agaccagcct	gggcaacaca	ggaaaacctc	gtctcaacaa	aaaatacaaa	aattagctgg	240
gcatggcggc	atgcacctgt	agtcccagct	actcgggagg	ctgaggtggg	aggatgattt	300
cagcccacga	ggtagaggct	gcaatgagcc	aaaacggcat	cattgcactc	catcctgggc	360
gacggagact	ccatctccca	aaacaaaca				389

<210> 34248

<211> 109

<212> DNA

<213> Homo sapiens

<400> 34248

ccattatacc	tttcaagtca	acagcaaagc	agacagccta	ctctaattaa	tgtatccatt	60
ctaagggaaa	attatattaa	atgttarwat	ttkgaaatgt	ggtggccgc		109

<210> 34249

<211> 302

<212> DNA

<213> Homo sapiens

<400> 34249

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aaataaacttg	cttaaggccg	cataacywag	taaatggtaa	cacactgggg	tttaaaccgc	120
cacctgtctg	attccaaagt	ctgtgttcct	cttaatcaca	aactgtttct	aatattgaga	180
ggaccatctg	taaatagggtg	catatataca	aattgagaat	gtacatat	ttccttcancn	240
ttaagtaata	tagtcagata	atacatagaa	agttaatagt	ccttcaaate	agccatagck	300
nk						302

<210> 34250

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34250

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ttatcttgct	cgagcttgct	gctgttgagg	raagatagrr	aacagtaaat	tacaatgacg	120
gatggcttta	ctcagaatag	aatctggagt	tgtgagaact	gtcaggaggg	tgcgcc	176

<210> 34251

<211> 292

<212> DNA

<213> Homo sapiens

<400> 34251

tttttctctg	cacataccaa	agtatagtag	taatttagga	acaacaagag	caaaggggtga	60
ctcttgagat	tttgagcctg	gatggcccag	gagagagctc	tgtgcttttt	cttgattcct	120
cctaacaata	atttggttaa	caggagggag	aggacagagc	aggtaaataga	taatatcagt	180
aactacttgg	aaatagtgat	tttcatactg	cttttaaaag	aggaataaac	tggtttcagt	240
agatgacctt	atcccaagag	taattgagtt	ccccctcact	tttgaaccag	ca	292

<210> 34252

<211> 70

<212> DNA

<213> Homo sapiens

<400> 34252

gggaagttgg	ggttttgcgg	gggasgggga	gtattagtag	gttgcataaa	atagcttact	60
ttataatgat						70

<210> 34253

<211> 340

<212> DNA

<213> Homo sapiens

<400> 34253

cagtttaatt	ttttaggggt	gaatttacag	aagttagtag	gmaattaaat	tgctttattt	60
cttctaaaac	nnggacacaa	aatcataagg	ttagaacaca	ttcagttgaa	atgactgtta	120
acaaccaaca	gagctaswnc	agatagcaat	tttcattgac	acttgaaata	cccagacaga	180
aaaaaggaga	aactggagta	cagatttacg	aggttggagt	tgaggagcac	cctgggtgtg	240
maaacaacaa	aggtttggga	agggggcagt	ccttagattg	gaaagggcac	acctggtaca	300
gatggtgtgv	taaaaagtgt	ggtaaaatgc	gagcgagctc			340

<210> 34254

<211> 230

<212> DNA

<213> Homo sapiens

<400> 34254

taatttttgc	atgttctgta	tagttatggt	actacatagc	tgaaatgtta	tattaataag	60
gagttcttat	attattatga	tgcttcacaa	ggttctatgg	aaagaaattt	ttttctgggt	120
tctttgttgg	gcttctttaa	ctctcttaat	tgtagtaatt	tcattttaga	ctaaattaac	180
atcaactacat	gtgtataaaa	gttaacagat	ttaaacataa	tgaagtggcc		230

<210> 34255

<211> 124

<212> DNA

<213> Homo sapiens

<400> 34255

catccttgat	tctttacttt	ctcttaacac	cctgtatcca	gctggtcata	aatctagcag	60
atgctacatt	cagataacat	ctggaatcta	ttttccctat	tttctacttc	tactaccctg	120
cccc						124

<210> 34256

<211> 189

<212> DNA

<213> Homo sapiens

<400> 34256

atagaaatta gccaggcggt gtggtgccay ctgtagtccc agctacccgg gaggctgagg	60
agggaggatc gcttgagtcc aggagtttga ggctgcagtg ggctatgatc acatcactgc	120
tctccggcct gggcaacagt gcaagggtcat gtctcaaaaa aaaaatccca gctggccttt	180
ttttttttt	189

<210> 34257

<211> 75

<212> DNA

<213> Homo sapiens

<400> 34257

caaaggagtg aacaaaattg ttaagatggt acttagtgga ggattttcat ttaactccta	60
attctttttt ttttt	75

<210> 34258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 34258

caaaaatggt catgttctaa gatagcctca tgtgaaaatg ttaaataatg aattgcataa	60
agtaattact aatcaaaacta cattatgacc aactttaaga aactggcttc agccagggtgc	120
ggtggctcac gcctgtaatc ctagcacttt gagaggccaa ggtgggcaga tcacttgagg	180
tcaggagttc aagaccagcc tggccaacat ggtgaaaccc cgtctccact aaaaatacaa	240
aaattagcca ggcattggtg cacgtgcctg taatcccagc tacttgggag gctgaggcag	300

<210> 34259

<211> 160

<212> DNA

<213> Homo sapiens

<400> 34259

agaaccttcc tgccgtcgcg tttgcacctc gctgctccag cctctggggc gcattccaac	60
cttcagcct gcgacctgcy gcagaagaaa aattacttat tttcttgccc catacatacc	120
ttgaggcgag caaaaaaatt aaattttaac catgagggaa	160

<210> 34260

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34260

aaaaaaagtt gagttgggag aagttgggas cggcgggggc acgaagtcca gagcgagcgg	60
gttatcctc cgcctcggtg cctgaaagc cgmagcgaca sgtaaagggc taagattcgg	120
ccatgagcag sgcccctcgg cgcccgcga agggcgcgaga ttctttctgt acgcct	176

<210> 34261

<211> 161

<212> DNA

<213> Homo sapiens

<400> 34261
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 gggmgatttt gtggttaagg ctgagtcatt ttcacaaaca gaaaagaaca attagcacat 120
 tcatttattt ttatttcagt ttatatttat acacaagacc t 161

<210> 34262
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 34262
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 atatatttta aatagatttg atagggtttt aaattgcttt ktttcataag gtatttataa 120
 agttatttgg ggttgctctg gattgtgtga aagaaaatta gaaccaca 168

<210> 34263
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 34263
 ctaaaaactg tattattaac aggtattttc gagagacttt ctgactaatg tgcagaaaca 60
 atcacattta atctgaaagc tcccctgtca kgctaagtgt caggttccag cccaagctga 120
 ggtctgatag aagtcagtgg gcgagtgggt ggttgctgga aaaacactcg aggaattgtg 180
 gcctc 186

<210> 34264
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 34264
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 gtgtctgaaa ggcgtgaggc acagcagagg rkgggaaacc actgatgcta agggagagtt 120
 cgagctcccg gtggattcta gagatagcag ctgctgcgat caaagacaac ccaggata 178

<210> 34265
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 34265
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<210> 34266
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 34266
 ccaaactctac gtctgattgg tgtacctgaa agtgatgggg agaattggaac caagttggaa 60
 aacactctgc aggatattat ccaggarraa cttctccaat ctagcaaggc aggccaacgt 120
 tcagattcag gaaatacaca gaacgccc 148

<210> 34267

<211> 58

<212> DNA

<213> Homo sapiens

<400> 34267

ctatgccaat atttccttat atskatccat aacatkkata ctacatttgt aagagaat 58

<210> 34268

<211> 310

<212> DNA

<213> Homo sapiens

<400> 34268

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taccatgaca	tttcaggaag	accaccaata	attattcctg	gagcatcttt	ctctcttcat	120
ttcagacttt	tccgccatag	cccataatcc	catcattctt	gtctgtagtc	tttgtaaagt	180
tgcttgacac	cacagctgta	taaacactga	agtaatggag	ggttttttcc	ccttttagcat	240
ttgttattgt	gaaatttaga	aatttataaa	gcaaggaaaa	taatttgaaa	ggtatgtkta	300
cakaaagcgc						310

<210> 34269

<211> 202

<212> DNA

<213> Homo sapiens

<400> 34269

gagctttctc	ccctcttccc	tggagagcga	ctgctcgggg	gggtgagaat	ggtataaatt	60
tcaaaaacaa	cgaaaccttc	ttttgcccc	tccgcagcag	tcgcctccgg	gctttattgc	120
aagtttacgg	ttccatacaa	gtaaatccga	aaaaaagtgt	gtgtgggggg	gtccacacca	180
ctaattatta	tggcgaggaa	gg				202

<210> 34270

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34270

ctttggagct	aagtgaagaa	tgacttctgt	taggttttcc	tctgctggtc	ttccttgcag	60
cctcgaaaac	ctcaccagag	tcgcctctgc	tggtctctta	ctgtgctgct	ctgtcagaga	120
tgggcaagta	agcgaactgc	agagtgttgc	tgtgtgtgct	tgtgatttgt	attttatttg	180
atgtaaactg	gaaggcagag	tattttctaa	cactgtnrnt	saactaggtt	ttgtgtctcc	240
tggatctatt	tttttttctt	gttgttctga	ggaktc			276

<210> 34271

<211> 335

<212> DNA

<213> Homo sapiens

<400> 34271

tggatacttt	ataatagcag	agtcttctta	ctcttgttca	atcctttatt	ccccagcagt	60
tagagctgtc	ctgctgggca	cagtgggtgca	cacctatagt	tccgctactt	gggaggctga	120
gtcaagagwa	tctctggagc	ccaagagttc	aaaactgtag	tgtgcgatga	tcgtgcttgt	180

gaatagccac tgcactccag cctgctcaac atagtaagac ccagtctcta aaaaagtaat 240
aawgcngtgg tccctggcat atggtatagg catagagttc agtatatatt atatgcattt 300
tcagccacct cgcccgggcc tatctctctt tcttc 335

<210> 34272
<211> 296
<212> DNA
<213> Homo sapiens

<400> 34272
aaactggaat ataaagtga agaacaaca tttgaacata cttaatgtat ttttatagaa 60
ctttgtaaac gaaaggagat tcatgtttta gaagtctgtc cttttttata tcttgaaaga 120
aaatctatgt atgatgctat aaaataaatc ctattatctt tctcaggaat ctggtttaga 180
attgcaggca atgagatctt ttgcggggca gggatgggaa tgtttggtca taaataatta 240
gacattttct atagatattt gacattctgc gaaasaaca gcaaactgaa ggtggd 296

<210> 34273
<211> 200
<212> DNA
<213> Homo sapiens

<400> 34273
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tcccaggcta aagatttctg aactgcacgc aatgtctgaa gaagcgcttg aaaggcactt 120
tatttctccc aggtcccaa ccatgggttt aggtttttat gccagaaagg ggaccttcat 180
gaacaaagac cccaagacc 200

<210> 34274
<211> 359
<212> DNA
<213> Homo sapiens

<400> 34274
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tttaattctt tgaccgattg cagttawggr amcttggaat gattcatcat ttatataagt 120
tatcattgct accccaaaac agaaatattg tcaccgggtg cagtggctca tgcctgtaat 180
cccagcattt tgggaggccg agacaggcgg atcacaagtt caggagatca agaccatcct 240
ggctaacatg gtgaaacccn gtctttacta aaaatacaaa aaaattagcc gggcgtgggtg 300
gcgggtgcct gtaatccac ctactaggga ggctgaggca gaagaatraa tggcatgaa 359

<210> 34275
<211> 214
<212> DNA
<213> Homo sapiens

<400> 34275
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gctctgattt cctggcagct gaactcgggt agtccagtgg cctagctggg accacatcta 120
ttcccatcca gagacattct ctggcaagtg ttctcagctg aaaagtgggt ggggatgatt 180
cttaccttgg taattaaatg aagctacaca ankr 214

<210> 34276
<211> 332
<212> DNA

<213> Homo sapiens

<400> 34276

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aatctgtaca	ttaggggtcaa	aaggtaaaag	taacaaattc	tgccatattg	taaatttcca	120
gtgcaggctt	taattttttt	ttttcattag	tagcactgaa	aaaatattac	tgcatgggta	180
tgttctagtt	cagtttataa	agttttaaag	gcttanttga	ggcatacctc	actgttacgc	240
acactggtaa	tttaaccatg	ccoctaagta	ttccttttct	cctgcatttg	atgcagccca	300
acaaagcttt	tgttttgaaa	taaatttgac	ta			332

<210> 34277

<211> 198

<212> DNA

<213> Homo sapiens

<400> 34277

cttgccaat	caggaagcgg	gggagagcgg	cgcragaagc	ggcggccgcg	tcctcaagcc	60
ggcacctgag	cggcggagac	ggctgtagca	caaggatctg	catctccaat	ggatactgag	120
gggtttggtg	agctccttca	gcaagctgaa	cagcttgctg	cttgagactg	agggcatctc	180
agagcttccc	catgtgga					198

<210> 34278

<211> 161

<212> DNA

<213> Homo sapiens

<400> 34278

aggcctatac	cattcaagga	cagtatgcca	ttccacagcc	agatttgacc	aagctgcacc	60
agttggcaat	gcaacagtct	cattttccca	tgacgcatgg	caacaccgga	ttcagtgcag	120
gtttggatgc	atctgctcag	actacttctc	atgaactcac	c		161

<210> 34279

<211> 76

<212> DNA

<213> Homo sapiens

<400> 34279

atgaagtctc	caagcggatc	tctggagtgt	cagagaagtt	cagtggccgc	gggtcaggga	60
cagatttcac	acaaca					76

<210> 34280

<211> 271

<212> DNA

<213> Homo sapiens

<400> 34280

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tgaaaaggtc	atagtctgcc	agcgggaagc	agcttctgtg	tgcgctgacc	ctgccgccct	120
tctctccaag	cccccaagtt	gggtccaaaa	gcaaatgtgg	gtgggaatac	agacccattg	180
ttgtgatctg	taagccaagc	gacccctgag	nwgaggagca	catcctgtga	atttgagtga	240
cagatctgct	ttaaaatttt	acgaatagcc	g			271

<210> 34281

<211> 225

<212> DNA

<213> Homo sapiens

<400> 34281

gatacagaat	gagaaaatga	acttagaaat	actgagtgt	ggccggg	gcgc	tgtgggtcac	60
gcctgtggtc	ccagcacttt	gggaggccaa	ggtggggaga	tcacctgagg	tcaggagttt		120
gagaccagcc	tggccaacat	ggtgaaacct	tgtctctact	aaaaatacaa	aaattagctg		180
agcgtggtgg	catgtgcctg	tggtctcagc	tgctcgggag	ggchr			225

<210> 34282

<211> 399

<212> DNA

<213> Homo sapiens

<400> 34282

acttacaaat	gaatcaagat	gatgaagatg	tagtcaacag	ggctgtgata	ataatagtaa	60
ggcctccagt	cttaccttag	atagtttagta	tagtcactgt	tctaatagagc	aatgagaagg	120
aagaaaggga	caatgtgagt	ctttaaaaaa	gaaaagaaaa	cttaaaaagg	catctcttaa	180
ctatgtacta	aagatcagaa	cataacttac	tcatgatacc	cacagtattt	catatgaatc	240
tcttacaact	ttttttgttt	ttttgagacg	gaatctcgct	ccattgccc	ggctggagt	300
cagtggcgtg	atctcagctc	actgcaaccc	ccacctccca	ggttcaagcc	attcttctgc	360
ctcagcctcc	cgagtagctg	agactacagg	catacacca			399

<210> 34283

<211> 224

<212> DNA

<213> Homo sapiens

<400> 34283

aaccctggag	tgaagcgctt	tagttagaag	ggagcagata	aactcgtcac	tctagtagct	60
ttaaccctca	ccctgaggca	ccttagcaat	cagccattgc	ctgcaagcct	ccaaagcttg	120
tctttgccta	atatggagcc	caaagaagcc	actgggaaag	aaaacatggg	caccaagaaa	180
aagaatctgg	ccttcttgag	gtctagactc	tatatgctgg	agac		224

<210> 34284

<211> 290

<212> DNA

<213> Homo sapiens

<400> 34284

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agtctgtttc	tccaatcagg	kttcaarkcc	acttcaactg	cactggcccc	tgtgggtcac	120
tgctgcaccg	ccctgaccca	tgtgggtccc	tgaggagcga	cctgccgggg	ccacctggct	180
ggacgaaaaa	gacacacctt	ggacttaagc	cgtgagaaaa	aaacttcac	agtaagaaga	240
rtkaatadac	rgwctaggtt	gaatscatka	caatggwatg	ttwgcagacc		290

<210> 34285

<211> 105

<212> DNA

<213> Homo sapiens

<400> 34285

cccacccgcg	ccwcwtwctc	wctcttcctc	cagctgggtcc	cagagcccg	cttgggtccg	60
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<210> 34286

<211> 222

<212> DNA

<213> Homo sapiens

<400> 34286

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gttckacttc	ccaaagcctc	tcacactatg	ctatctcaat	gacccagcaa	agtcttctct	180
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<210> 34287

<211> 173

<212> DNA

<213> Homo sapiens

<400> 34287

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tcttttaaat	ttagcaaaaat	ctgtagtggt	ctctttgttt	tcattcctga	cacgatgatt	120
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<210> 34288

<211> 60

<212> DNA

<213> Homo sapiens

<400> 34288

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<210> 34289

<211> 177

<212> DNA

<213> Homo sapiens

<400> 34289

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acatttccat	ttgaattaca	agtcctttag	gctgggcgtg	gtgcatggct	gtaatctcag	120
caccttggga	ggctgaggca	ggaagwccac	ttgaggccag	gcgttggaga	gcagcca	177

<210> 34290

<211> 205

<212> DNA

<213> Homo sapiens

<400> 34290

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cagcctgcag	aactgttagt	caattaaatc	ttttattata	aattatccag	tctcaggtat	180
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<210> 34291

<211> 198

<212> DNA

<213> Homo sapiens

<400> 34291

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gggtgcttaa	gagggaaaga	ggaagccatg	agggtcagag	tcaaaggaag	acttgaagat	180
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<210> 34292

<211> 230

<212> DNA

<213> Homo sapiens

<400> 34292

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ggaataaagg	attctgatta	graargagg	kttgccytac	aggattagta	agcaattcct	120
tggatcttat	gcacagaact	tgtaccattt	gaatctgttt	tatgcttaaa	tcaaagtgtc	180
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<210> 34293

<211> 121

<212> DNA

<213> Homo sapiens

<400> 34293

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tgtaattggt	ttttgagaaa	cattagtata	aagcttgccc	ttgttgtgtg	gaagaagcca	120
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<210> 34294

<211> 178

<212> DNA

<213> Homo sapiens

<400> 34294

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aaagaaagga	aaaatagaaa	ggaaacaaaa	aacagatggc	agcaagacat	cctcctctga	120
cacactttca	gaagagaaaa	attcagaatg	tgaccctacg	ccatctcata	gaggccca	178

<210> 34295

<211> 149

<212> DNA

<213> Homo sapiens

<400> 34295

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cacagggggc	ggtgaaatgc	aggctgacg				149

<210> 34296

<211> 414

<212> DNA

<213> Homo sapiens

001220" 065E560

<400> 34296
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 ggctttgggg tgacttcagc aatgtccctg cgagacaagg gcggggaaga agawankttt 180
 gaatangact gccaggatga agagaggaag ccaaccaca gccagcatga caccaggac 240
 ctcttggaag aggttttatg tgctgaaaga gttggccaga tgactaagac atataatgac 300
 atagatgctg tcaactcggct tcttgaggag aaagagcggg atttagaatt ggccgctcgc 360
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<210> 34297
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 34297
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 tagcytgata gtagattttc aaattaggta atgtgaagcc tctggatttg cttttkgctc 180
 aagactgctt tngstatttg gggtcatttg tggttccata tgaatttttag gatttttttt 240
 ctgkttctgt ggaaagtgtc attagataaa gattgcattc agtc 284

<210> 34298
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 34298
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<210> 34299
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 34299
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 tgtgtgtata t 71

<210> 34300
 <211> 74
 <212> DNA
 <213> Homo sapiens

<400> 34300
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 agaaaaagaa aaga 74

<210> 34301
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 34301
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<210> 34302
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 34302
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 caagtgattg caggaaatat aatgtggaaa tgcctgggta tgagagagaa tttggaagca 180
 gaatggacaa gacttggtaa ttgtttggta agagaggaga aggtgagtga agaatacatgt 240
 gaaacatagt ttggtttcta gcttaagtaa ctgagctcct ttgagtata ggaaacattt 300
 gaacagcagc aggtttgtat tggttatgtt cattgtgtat gcatgaattt gaggtacttg 360
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 tggatta 427

<210> 34303
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 34303
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 tctactcgca anrgtttgta agatttttct ttttaacttdc ttagacatc ctgacaagga 180
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<210> 34304
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 34304
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 gccatcacgc ccggctaatt tttgtatttt tagtagagac aggattttgc catgtttgcc 120
 aacctggtct cgaactcttg acctccgat cc 152

<210> 34305
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 34305
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 atccatctag ctaaactctat aatctgtgtc aatcacttat acctatcaat catccgtatc 180
 tattcacctg tcctctatgt ctgtcttctc tcagtctgca tccatctagc cttctgtcaa 240
 tcactactt tttttttrt agaacaagaa gtttacttat caagtcttga aaggaggaca 300
 c 301

<210> 34306
 <211> 239
 <212> DNA
 <213> Homo sapiens

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 ctctggggcag ggatggaagc ckagaygcct caccgcaagg agcggcccgag cgggtcctcg 180
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<210> 34312
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 34312
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 agcaaggcag agccacccaa acagaaaaat ggaagta 157

<210> 34313
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 <212> DNA
 <213> Homo sapiens

<400> 34313
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 gggctc 126

<210> 34314
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 34314
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 aacacgattt taaatgatga atagtttttt acttttacat agtattagct ctttaaatac 120
 gtcagtaagg gagacataga gcagagacc ccaa 154

<210> 34315
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 34315
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 gcgcctggac agtgatcatc ttgttcatct tggtcagtc tttcttgtgt gattggaatt 180
 attcatcccc tttgaaagat gagaagggtg agatgcaaag agtctacct tccaagttct 240
 cactgctgga aagagctaga agcacagttc aaagtctctg cttctggact ctgcagtcca 300
 ggtctccctt ctcccacttg cctaccctca atgccacact gtttttgaag tggcccataa 360
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 tcggaga 427

<210> 34316
 <211> 357
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<213> Homo sapiens

<400> 34316

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caatattgag	atatttgag	ttggtacgat	gtgatttgta	aattctttgt	ttttcattgt	180
gcgtatatgg	taaagagatc	ttttcagctg	ctattttgga	ataatgactd	tcatatatca	240
taacagtgac	tgatgttggt	tgtaatgggt	gggttttagga	tgaaccattt	taaggatgcc	300
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<210> 34317

<211> 408

<212> DNA

<213> Homo sapiens

<400> 34317

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acttggtca	ctgcagcctc	aacttcttg	cctcaagtga	tcctcccacc	ttagcctcct	180
aagtagctgg	gaccacagag	tctcactctg	tcacctggg	tgagtagacag	cagccggatc	240
tcagctcact	gcaacctcca	ccccctggg	tcaaccgatc	ctgccacttc	agcctccaga	300
ggagctagga	ccacagacac	gcactacca	gtcaggctaa	gtttttgggt	ttttttggta	360
gagagggggg	ttcatcatgt	tgccaggctg	gtcttgaact	cctgaagc		408

<210> 34318

<211> 351

<212> DNA

<213> Homo sapiens

<400> 34318

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ctgctctatc	aaaataaagg	ttcaactctg	tgagttgagt	taacacttca	caaatkaagt	120
ttctgagaat	gcatctgcct	agtttttatg	ttaagatatt	tcctttttca	ccataggcct	180
caaagcacac	caaatatcca	cttgagatt	ctacaaagag	agtgtttcaa	aactgctcta	240
tcaaaagaag	ggttcaactc	tgtgagttca	atgcacacat	cacgaagatg	ttnctgataa	300
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<210> 34319

<211> 355

<212> DNA

<213> Homo sapiens

<400> 34319

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tgtgagagga	saggcccata	gggctgagtg	gggtcgggtg	aggcagaggt	cagaaacaga	120
agagctgcag	ttgctggagc	tggttgagga	actgggctgc	ctcctgccat	ccccccgtct	180
cctccccctc	tcccccttgg	gccccctct	gctcagaatc	tgaagtagtt	ccctcctcag	240
caatttcac	tcttgaacac	tgactcacac	cttttaggca	cctactgtgt	gcatagcatt	300
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<210> 34320

<211> 205

<212> DNA

<213> Homo sapiens

<400> 34320

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tcagatTTTT	gtaaacgtga	ttgtgtttta	aagacatggt	agaaggatgc	tacttaaaag	120
cagcttaagt	atactttaaa	tggtgaatt	gtatggatg	tgaagtttat	ctcaatgaaa	180
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<210> 34321

<211> 79

<212> DNA

<213> Homo sapiens

<400> 34321

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<210> 34322

<211> 270

<212> DNA

<213> Homo sapiens

<400> 34322

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ggctatgacg	tcattgccta	tctggccaac	attggccaga	aggaagactt	cgaggaagcc	180
aggaagaagg	cactgaagct	tgggggccaa	aaggtgttca	ttgaggatgt	cagcagggag	240
tttgtggagg	agttcatctg	gccggcctaa				270

<210> 34323

<211> 341

<212> DNA

<213> Homo sapiens

<400> 34323

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gagtttgttt	caatcatatt	atgtccagaa	ttggtgggtt	cttgggtctca	ctgacttcaa	120
gaataaagcc	gcggaacctc	gtggtgagtg	tcacagttct	taaaggcagc	gtgtccggag	180
tttgttcctt	ctgatgttcg	gatgtgttcg	gagtttcttc	cttccgggtg	gttcatggtc	240
tcgcaagccc	aggagtgaag	ctgcagacct	tcgtgcagtg	aaggcagtg	ggggctgtgg	300
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<210> 34324

<211> 459

<212> DNA

<213> Homo sapiens

<400> 34324

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tagcactggg	taggggtaaa	gagaaagaga	aaccctttga	ggtatgtgg	agcatacaaa	120
catgttcaca	gtaaccttcc	tgtattaacc	attttctaac	aahtacaatg	ccacatcaac	180
acagttagtt	gttgtnnaatt	ctcaacatgg	ctaaataactt	agattgcatt	ggtgggtgtgc	240
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aaagggggcc	ggaaagkwt	ctgggagaaa	acagaaacaa	ctattcctgg	tgaaagtgtg	360
tgggcttctg	agggcggttg	tggcagctga	gaagtgtctg	ttatatatag	ctgggtcaca	420

gtgatgggga ggtggggatg gtggtggatg actgtgtca

459

<210> 34325

<211> 155

<212> DNA

<213> Homo sapiens

<400> 34325

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agtgtatcac tggagtcaca ggaccctgcc cacctgagtt cccaataaag aaaaacctcc	120
ccttctgagg ctgctttgcc aaaactcccc cttaa	155

<210> 34326

<211> 152

<212> DNA

<213> Homo sapiens

<400> 34326

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tgcctcattc caggcctcga tgagtgttaa atcgccattt aatgtgatgt caagaaataa	120
tttgaagca cctccttgta agacgacaga gc	152

<210> 34327

<211> 134

<212> DNA

<213> Homo sapiens

<400> 34327

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cgcttgctaa tggcagccgg ggtctccctg ggacagcaag acctccgctc aggccctct	120
ttcgaatgcn ccac	134

<210> 34328

<211> 402

<212> DNA

<213> Homo sapiens

<400> 34328

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agttatgatt gtggtagctt gatcctgagg tgcagaggca attcccggag gactacagt	120
accaggaagt tctacagact ttgaccaagt tttgtttccc cttctatgtg gacagcctca	180
cagttagcca agttggccag aacttcacat tcgtgtcac tgacattgac agcaaacaga	240
gattcggtt ctgccgtta tcttcaggag cgaagagctg cttctgtatc ttaagctatc	300
tcccctggtt cgaggtattt tataagctgc vdracatcct ggcagattac acgacaaaaa	360
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<210> 34329

<211> 318

<212> DNA

<213> Homo sapiens

<400> 34329

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aaggaggaat accaaacaca aatatctgat ccacgtagga atcatttttt aaacgaacaa	120

acccattca tgaaaatgaa cacctttcag atcacagtct ctgggtaaga atcgtgtcag 180
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 ttctctgtat taccgctc 318

<210> 34330
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 34330
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<210> 34331
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 34331
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 aatagaagta gaaagatgac tcttaatctt tccatctgga gagaattatt gttcagattt 180
 tgccattttt cttccaatct tttttctctg tcctttgttg cttatttgcg ttacactgca 240
 gatgtcccaa c 251

<210> 34332
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 34332
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 ttcaaatatt ttacacata tttttgctaa taaaagcaga caaaagcagt gttttaaaat 180
 taagaatata gtgaactaag agtacaacga catagtactt gtaagttttt ctgatttttt 240
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 catactacaa cattgcataa ttgagccatg tgtgttttaa gacaaatatt ngnggatggt 360
 atgttcaata ccaatgtcta taccatttaa acaat 395

<210> 34333
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 34333
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 ctcaccaggc accgaatccg gtggcacctt gatgttgaac ttctcgccct tcagaactgt 120
 gacacagaga atgagtggaa tactaatata ttgaagggca aaatcaaaac ccagaagat 180
 ctctaaaagt ctgaatgaat cagccc 206

<210> 34334
 <211> 452
 <212> DNA

<213> Homo sapiens

<400> 34334

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ggagtktaaa tgcgtaatac accattaatt tccacgctgc agtttttatt ttaaagaaaag	120
taacaagatg tctttacact gacactgaaa attcatccat tttagdgcca ggaattccca	180
tggtacacag gaaaaaatag aagtctactg aattaatttt ttaaaagaaa agagatcaga	240
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<210> 34335

<211> 94

<212> DNA

<213> Homo sapiens

<400> 34335

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<210> 34336

<211> 350

<212> DNA

<213> Homo sapiens

<400> 34336

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agttgtgctg gtgaactgca gaatcccat ttgctgttat aataatatag tacttataag	180
aataaattt gatcctttct gaattttcat taaggagaag tggtgaagt attaacatct	240
agtgagtttt ctattttgta cattcttctg aaattttgtt atttgaaaat ttgtccta	300
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<210> 34337

<211> 107

<212> DNA

<213> Homo sapiens

<400> 34337

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<210> 34338

<211> 141

<212> DNA

<213> Homo sapiens

<400> 34338

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gtagagacga ggttttgcca tggtggccag gcttgtcttg aacccctggc ctcaagtgat	120
ctgcccgcct ccgcctcccc t	141

<210> 34339

<211> 240

<212> DNA

<213> Homo sapiens

<400> 34339

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gctgggacta taggcacaca ccaccacgcc tggctaattt ttgtatttta agtagagaca	180
gcgtttcacc atgttgGCCa gcctgggtctc gaactcctga cctcaagtga tccatccaca	240

<210> 34340

<211> 211

<212> DNA

<213> Homo sapiens

<400> 34340

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gggatctgcc caccattccg ggggtcacca gcccttccag tgatgagccc cccatggaag	120
ccagccagag ccacctgCGc aatagcccag aagataagcg ggcgggCGgt gaagagtcac	180
agtttgagat ggacatttaa agcaccagcc g	211

<210> 34341

<211> 297

<212> DNA

<213> Homo sapiens

<400> 34341

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atataaaaaat gctaaatgta cgttgaaacg atacaccaat cagacttttg ataaagtgat	120
ggggcccatg ttggatgctg ctacaaggaa acctatctgg cgacatgaaa tcttagbatg	180
cagatgggat ttgtttctca ggtgagaaa tagaaaacaa acaagtgcct gtaaataagt	240
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<210> 34342

<211> 186

<212> DNA

<213> Homo sapiens

<400> 34342

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taagtaattt tcccagggtt gtggagttag caagtagtgg agcccagaat cgaaccggcc	180
catctg	186

<210> 34343

<211> 262

<212> DNA

<213> Homo sapiens

<400> 34343

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gatcatttaa tcttcaacct aatgagatag gtgtatatat atatacagat gaagaaactg	120
aggcgagag aggctaagt actggataaa agtcatacag ctagtacacg gtagggctgt	180
ggtttgGacc caggcattct ggttcwcka gactgcactc aggactatta atttttaaaa	240

gattgaacac ggtagggaaa aa

262

<210> 34344

<211> 245

<212> DNA

<213> Homo sapiens

<400> 34344

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tottaggaca	aacttactgc	agcttgaagg	agccaacccat	ggatttgagg	cgtgtgaagg	180
aatatattctc	ctggctctac	tatcaatacc	aaatcattag	ctgctgwrct	gttttagagc	240
ccata						245

<210> 34345

<211> 148

<212> DNA

<213> Homo sapiens

<400> 34345

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acactgtgct	aatgtgaatt	ttaaataacc	tgcatacaag	cttctgatct	bagataactc	120
agtacagata	gcaattagtc	agctgaat				148

<210> 34346

<211> 363

<212> DNA

<213> Homo sapiens

<400> 34346

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aggtgcagg	agtataagcb	attgatcacg	gaacgcacag	gagcagagct	cgagtccaag	120
catcgtggct	ccaccggtca	tgctggatgc	atcttttaggc	tccgctctag	gtatgtgtat	180
cctttacggg	atcagccacc	ggcagttgcc	ttgcgagcac	gatgacaaac	ctctgccggc	240
tcttttgggt	ctcatccctg	tatctatacg	ttgcatccca	acataaahga	ccggaatgtt	300
cctttcgctg	accagtcctc	tcaccctttc	caaactccag	aaatcttgct	tgtcctcgga	360
aga						363

<210> 34347

<211> 51

<212> DNA

<213> Homo sapiens

<400> 34347

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<210> 34348

<211> 138

<212> DNA

<213> Homo sapiens

<400> 34348

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138

<210> 34349

<211> 215

<212> DNA

<213> Homo sapiens

<400> 34349

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ttatattatct tgggttcata ctgaggggtg gaattgctga ctttaacttg taacctatgt	120
tttaacatttt gaggaattc tgaattgttt tccaaagcag ttgatctatt ttatattccc	180
accagcaatg tatgtgggtt ccagtttagg agggg	215

<210> 34350

<211> 163

<212> DNA

<213> Homo sapiens

<400> 34350

caagaagctg tacacggttt gatcatgtaa aaccgttttg cggcacaagc tggactttgt	60
tgccatcctt gagatgaacc ttttaagaaa aataagttaa tctcaatttt tccctgaatg	120
tgttggtttt cttcattata caataaatat aatagtgaac ktt	163

<210> 34351

<211> 115

<212> DNA

<213> Homo sapiens

<400> 34351

aractaggga tctatctgaa aattcagtaa ctaatattag gcagttgata ctccccacc	60
kccccattt agatacacka ctgtattagt gagaatactt ggtacagtaa cttga	115

<210> 34352

<211> 127

<212> DNA

<213> Homo sapiens

<400> 34352

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tggggagtgc tttttgtgcc cctaactctga agttatttat caaaaccagt ctctgattcc	120
agccac	127

<210> 34353

<211> 223

<212> DNA

<213> Homo sapiens

<400> 34353

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cagatgcacc cgaccagcac ctggagctca agaagccgca ggaacttaaa gaaatggaaa	180
ggctgccctt ggcaaatgaa gataaaacaa tgttcgccaa cct	223

<210> 34354

<211> 187
 <212> DNA
 <213> Homo sapiens

<400> 34354
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 gtcccttttc ttctgcctag taagttaatc ttagtcttgt tggwaggtgt ggttaaaggc 180
 taattga 187

<210> 34355
 <211> 279
 <212> DNA
 <213> Homo sapiens

<400> 34355
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 tgggatgctc taggacgatt gaacaggagc tttggctcac aagaccggaa ctgcagtaat 120
 ctcttccat gaggagtcca gctttgtccc cataggcacg gttcctctgg catttctgct 180
 gcttgctctc ttggggacgg aacccctta ggaagtgttt gaaaactgca agatctcacc 240
 ctctccacca ccaagccaag ggaaatctga ccaaaagga 279

<210> 34356
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 34356
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 ttttgttttt taaccaccaa gaacacttgc aagtttgta ctgaaaacat cactaaagga 120
 aaagaagagt ttcaaaatgc ttgaaaagta gtatgtggtt gggaattgtt tttgttcaag 180
 tccttggaag tcctcttggc ttagctccct a 211

<210> 34357
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 34357
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<210> 34358
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 34358
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 ggtttcacga gaaaccattt gaatctttat ctcatcagc ctttatatga caccagaatg 120
 acagtatcat cacaactcta gcaaccg 147

<210> 34359
 <211> 122
 <212> DNA

<213> Homo sapiens

<400> 34359

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atggaggaaa aggcattatg ttagataggg agaaatctag gctccagcct cagctgtgct	120
gc	122

<210> 34360

<211> 370

<212> DNA

<213> Homo sapiens

<400> 34360

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ggtgctacgt gaagtaggga gagaggagta gagcgtggga caagttagta agagaagtga	120
ggcagatcag gtagggccaa gcagaagtac atggtagagac ttctgataat gttctgtgtg	180
aaatcagagc cgttgtagcc tttgaactga ggaggtccat catctgatta atgtttcctc	240
tggtctgtg ttggaattaa acggtacatt ggcaaaggcg aaagcaggga gaccaattag	300
gaaggttctc cagtagttaa ttgagagatt atggagtctt ggactatcat ggcagcagt	360
aaagtgatga	370

<210> 34361

<211> 339

<212> DNA

<213> Homo sapiens

<400> 34361

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ccaaacctgt ttatgccaga agttcttgtt taatttacta tcaaactaat gaaattaatg	120
caagacagtt gtttatacac aaaccagatt gcttgctttg gaaagactaa aaggaggattg	180
ttaaaagaaa aacatgccag gcgtgggtggc tcacacctgt aattctgcac ttggggaagc	240
cgagggtggc agatcacttc aggtcaggag ttcaagacca gtctggccaa catggtgaaa	300
caccgtctcc actaaaaata caaaagttaa ccggggcgct	339

<210> 34362

<211> 154

<212> DNA

<213> Homo sapiens

<400> 34362

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ggattacagg tgtgagccac cgcacccggc taca	154

<210> 34363

<211> 361

<212> DNA

<213> Homo sapiens

<400> 34363

attcattata ctgaaaatgt gcttgttgtt gaaaatttgt ctgcatgtta atgcctcacc	60
cccaaaccct ttktctctc actctctgcc tscaamcttc agattgactt kcaatagttt	120
ttctaagacc tttgaactga atgttctctt cagccaaaaac ttggcgactt ccacagaaaa	180
gtctgaccac tgagaagaag gagagcagag atttaaccct ttgtaaggcc ccatttggat	240

ccaggctctgc tttctcatgt gtgagtcagg gaggagctgg agccagagga gragaaaatg 300
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 a 361

<210> 34364
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 34364
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 cctcagcgcc tttttccagg agaccaacat cccctacagn caccatcacc accagatgat 180
 gtgcaccccc gcagt 195

<210> 34365
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 34365
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 ggggtgactat gtccaaaata atttaattat acatcttaaa gtaactaaaa ttataattgg 120
 attgtttgta acacaaagga tatcccacta ccctgatgtg attattacac attatatgcc 180
 tgtatcaaaa tatgtcatgt gacctgtaaa tatagacacc tactacacac 230

<210> 34366
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 34366
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 cataggagaa aatgtagggt accttaggta cgatgatagc ttataaattt ttttcactca 120
 ttttaattgtt aatatctgtg ggtacataat aggtatttat ggggcacatg agatgttttg 180
 atacagacat gcaatgtctg tatttttagt agagacaggg tttctatgct tttttacaaa 240
 caatccaatt atactctttt agtrrttttt aatgtacaat ttattgacta tagtcaccct 300
 gttgtactgt caaatcaaag ggcataattc atctttctaa ctgtattttt gta 353

<210> 34367
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 34367
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 ggagcgagag tgtgtcgaat ctgcgagtga agaggggaacs aggggaaaag aaacaaagcc 120
 acagacgcaa cttgagactc ccgcatccca aaagaagcac cagatcagca aaaaaagaag 180
 atgggcccc cgagcctcgt gctgtgcttg ctgtccgcaa ctgtgttctc cctgcagggt 240
 ggaagctcgg cttcctgtc gcaccaccgc ccc 273

<210> 34368
 <211> 144
 <212> DNA

<213> Homo sapiens

<400> 34368

aattaccatt ttaagtgtac agtttagtgg cactaagtac aatcactttg tcttgcaacc	60
atcactacca ttcattctcta gaactttatt catctttcca aaactgaaat tccatgttca	120
ctaaacaata ttctccgctc cccc	144

<210> 34369

<211> 135

<212> DNA

<213> Homo sapiens

<400> 34369

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cattctatgt ccccttcttg tcagatcagt atacagtgtg cgtaaaactac accatcctca	120
aaccccggaa agcta	135

<210> 34370

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34370

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aatatgtatc cgtactgtat gtgatatagt gccattttca gtaactgctg tacacacagc	120
aactcagatg amactcaagg aaattcttca gagcaaaaac agccaact	168

<210> 34371

<211> 253

<212> DNA

<213> Homo sapiens

<400> 34371

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tcactgaac ctctgcctcc tggggtcaag cagtcctccc acctcatcct cctgagtagg	120
tcgctgggac cacaagcatg caccaccaca cctggctaatt tttttgtatt ttggtagag	180
acagggtttc accatgttgc tcaggcttgt ctcaaactcc tgagctcaag caatttgcct	240
gycttggaact gtt	253

<210> 34372

<211> 278

<212> DNA

<213> Homo sapiens

<400> 34372

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ggaacatcca catcttctgt actsgtccat tctgtgtccc cggggcctgg agtaaagaca	180
ccttcaaattg ywgagactct tcagattcag ctttcctgga aactgatctt caatgcacta	240
agagaaggag actctcaaac caaaaatgac caggaggg	278

<210> 34373

<211> 159

<212> DNA

<213> Homo sapiens

<400> 34373

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cttcaaaatc aaggagatta aatccccaga aatggcagag gattggaata cttttctgct    60
acggttcaat gatttggact tgtgtgtatc agagaatgaa accctcaagc atctcacaaa    120
cgacaccaca ctccsgraar gtacaatgac cagcgggct    159
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<210> 34374

<211> 321

<212> DNA

<213> Homo sapiens

<400> 34374

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tttggagcta cgagacaaca gctgaatagc tataactctga cataagaatt taatttcttg    120
aaatttattc aatgggraatt awtwacgaat gtttgtaagt gatgttctcc acagcattat    180
ttataaagct tgcagtgaaa ataataaaaa caactggctg ggctcagtga ctcacgcctg    240
taatcccagc actttgggag gctgaggcag gaggatcacc tgaggtcagg agttggaggc    300
ttagtctggc caaaatgggtg a    321
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<210> 34375

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34375

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tgaaacgaaa cttaaggaaa attctggata gtaaagcaat agaccttatg aatgcactaa    60
tgaggctaaa tcagatcagg cctgggcttc agtataagct cctatctcag tctggccccg    120
ttcatgcccc agtcttcaca atgtctgtag atgtggatgg cacaactt    168
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<210> 34376

<211> 244

<212> DNA

<213> Homo sapiens

<400> 34376

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agtctgagcc cagagagccg cggggaccat ggagccggtg ccgctgcagg acttcgtgcg    60
cgccttkgga cccgcctcc ctcccgcgcg tgctgcgggt ctgctcgggg gtctacttcg    120
agggctccat ctatgagatc tctgggaatg agtgctgcct ctccacgggg gacctgatca    180
aggtcaccca ggtccgcctc cagaagggtg tctgtgagaa cccgaagacc agccagacca    240
tgga    244
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<210> 34377

<211> 139

<212> DNA

<213> Homo sapiens

<400> 34377

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cacattctcc ggagaccatc accctaggta catattcttc caacctttct tctgtgcata    60
atcatctagg tgtggtgctt acattttctt ttggcagtggt tatcttagta tcttcagca    120
tggttttctc acctgatac    139
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<210> 34378

<211> 198

<212> DNA
<213> Homo sapiens

<400> 34378
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gttccaagtg ctgttcctcc caggaaatca aaggccaggg tccttatggc cgtggagcct 120
tcccgaccac agagccaact tgtgaagcac acagctctgc agcctgggct ctgcctgcct 180
cagccgcctc cccagcac 198

<210> 34379
<211> 204
<212> DNA
<213> Homo sapiens

<400> 34379
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aacatgggat atcaattgtg aatttttagcc tatgcacaca tattttgtaa atgggataca 120
caaactgcat actgtttgta tatggtgat ttttacttca actgtgttgt cacatgaata 180
tgaacatctc ccttatccgc caac 204

<210> 34380
<211> 262
<212> DNA
<213> Homo sapiens

<400> 34380
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aaaaaaatcc tataaagttt acaaaaaggg agcccttatt tcccttcagt agagacgcaa 180
ccttcctttt ttatttcctg aatattttca atatgcagtt ggtagagtcc atggatgcaa 240
aaccattga tacggagggt cc 262

<210> 34381
<211> 276
<212> DNA
<213> Homo sapiens

<400> 34381
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aaactctttc agttgccctg tgtcctttga cacacctgca tcactacaga gtttttgata 180
agcatttytt tatttttytg cattacaact tgcactcactg ttatgtatgt gtatatatat 240
atacwcwyac gtatatatat atacacacac gtatat 276

<210> 34382
<211> 171
<212> DNA
<213> Homo sapiens

<400> 34382
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tttkttacat gcatagatgt gtagtggtta agtcagggtt ttagggat ccgtcaccca 120
aataacatgc attgtacca ttaagtaatt gttcatcatc taccctcc c 171

<210> 34383
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 34383
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 ggtggcgagt ctcaagtttg attttcgttt gagtggtttt acgttgtgtg tagttagcag 120
 ttgcttcatg ggattgttgt tgtacctgga tctcaggctc agggagcaat gggaagcatg 180
 atttttagtt ggtgccgc 198

<210> 34384
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 34384
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 aaaattagct ggggtgtggtg gtgtgcacct gtagtcccta caaaaataaa aaaattagct 120
 ggggtgtggtg gtgtgcacct gtagtcccag ctactcggga gagt 164

<210> 34385
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 34385
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 aggctggagt gcaatggcct gatcgtggct cactgcaacc tccgcctccc aggttcaagc 180
 gattctcctg cctcagcctc ccaagtvsca gggattacag gcacgcgcca tcacacctgg 240
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<210> 34386
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 34386
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 gggtaaccg gtgcctggcc ctctagcccc gctaccggac tacatgtcgg aggagaagct 180
 gcaggagaaa gtcgaaaaat ggcagcaatt gcaggccaag cgctatgcag aaaagcgg 238

<210> 34387
 <211> 52
 <212> DNA
 <213> Homo sapiens

<400> 34387
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<210> 34388

<211> 306

<212> DNA

<213> Homo sapiens

<400> 34388

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tggtttttta	tctgttgctt	tcttaaatca	agggccgccc	ggccggagat	ggatggaggg	180
accggggatt	tgggaactcg	aaaacgagct	gaggggaagg	agcctgtgga	aatagactgg	240
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<210> 34389

<211> 114

<212> DNA

<213> Homo sapiens

<400> 34389

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<210> 34390

<211> 271

<212> DNA

<213> Homo sapiens

<400> 34390

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caaagtggga	cctcagcagt	agtgatgtgt	gtgtctcatg	agcagtgagc	acagtctgca	180
ttcatcatga	aacactatct	tctaccagga	ggagggttaat	gtaaatcacc	raatcccaat	240
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<210> 34391

<211> 245

<212> DNA

<213> Homo sapiens

<400> 34391

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ataggtcttg	agactcctga	aactaggaag	aattttgtta	tcactaaagt	cttttatagt	180
cagaacaatt	tttttttcaa	atgaacatgg	tatcatttca	agacaaattt	atgtgaactg	240
ggcgc						245

<210> 34392

<211> 217

<212> DNA

<213> Homo sapiens

<400> 34392

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cataaatttc	atttccacat	tgattaaagc	tgctgtatag	atttaggggtg	caggacttaa	120
taatagtata	gttattgttt	gtttttaaga	aaagctcagt	tctagagaca	tactattact	180

ttaggactgt gtagttgtat atttgtraga tgacgcc

217

<210> 34393

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<212> DNA

<213> Homo sapiens

<400> 34393

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tcttaattat	attgtcacct	tacatgtagg	aattcgtctt	ttataagttg	aaattgtcat	180
ctacaaagac	agtttctttt	tacggatttt	gaaaaacata	agartttaaa	taaagaract	240
ttagtatatt	cttcagctgc	tcttttctct	tagtatctaa	gcttgttaaa	attgctggat	300
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<210> 34394

<211> 354

<212> DNA

<213> Homo sapiens

<400> 34394

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catttaatct	tacgagatca	tgctgtttac	caaattttat	gatgaaatta	atgctttctt	180
cagtaggcag	tcttacattg	taggcagact	cctgtcaagt	tttgtctttc	aaaatgggcc	240
tcattagcaa	gttaccaraa	gtvaravtag	ngcrataaag	taacagartt	ccttttrarc	300
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<210> 34395

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34395

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tgtgcctggg	tatattactg	gacccctgtg	ttgcagccct	aagatagaag	gattgtctcc	120
atttcacaga	tgagagagac	tgatgcgcag	gaggtgaaa	ttgtctga		168

<210> 34396

<211> 284

<212> DNA

<213> Homo sapiens

<400> 34396

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gtaaaagggt	tgataaggaa	aaagctatat	gagggtggag	gagggcagag	ttgacacctg	180
aggagaggaa	cctgcagbcg	ggctcctctb	asgctgtrgg	ggaaacaagt	ttaacaggac	240
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<210> 34397

<211> 237

<212> DNA

<213> Homo sapiens

<400> 34397
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tcctttccag agcccgctctg tcccccttcg ggtccaaagc ttttggtcc tccttggtcc 180
gagcccgaag gcccgccct tcacgtactc ggagctcgga tcccagtgtg gaccttt 237

<210> 34398
<211> 154
<212> DNA
<213> Homo sapiens

<400> 34398
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ttgggttcaa gacctgccgg ggctttctga cttttaata aaaaacctaa aagacattat 120
tagcttgttt tttgattttg gttttttttt tttt 154

<210> 34399
<211> 237
<212> DNA
<213> Homo sapiens

<400> 34399
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ttagatgatc aagncctctaa tctgtgttga cacttcagaa tttattaaaa gatcttccct 180
tacttttcag taatttaatt agtttcttta agcctgacat aacgaggagg aktccca 237

<210> 34400
<211> 129
<212> DNA
<213> Homo sapiens

<400> 34400
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gatggcct 129

<210> 34401
<211> 198
<212> DNA
<213> Homo sapiens

<400> 34401
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gatgaggag tgggtgggtcc aggtggggct gctggccgtg cccctgcbtg ctgcgtacct 120
gcacatccca cccctcagc tctccctgc ctttactca tggaagtctt caggcaagtt 180
tttacttac aaggcct 198

<210> 34402
<211> 404
<212> DNA
<213> Homo sapiens

<400> 34402

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cttccatcct	gggctgacat	cttagcaggt	tgaaggagaa	gacccctagg	aacgcgcacc	120
aaacccataa	tagtagctat	ataacctccc	cagcgttttc	tgccatgtgg	ttcctcagct	180
gggaagataa	atccccacca	aatcaatca	ggggtgcctt	ccaaattctg	gtgacctgar	240
acaragctat	aactgtagca	attaaccaa	aacatgcacc	caatttaggg	agaragtttt	300
ggatacacag	ccaatctatt	agccatctct	tccaaggca	ggtggtgact	tgagaactct	360
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<210> 34403

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34403

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atcttgccac	tgctcamtct	ttgggtccac	actgctttta	tgagctgtaa	yactcaccgc	120
gaagggtccgc	agctttcactc	ctgaagccag	cgagaccacg	agcctactgg	gaggaacgaa	180
caactcccga	cgcgcgcgct	taagagctgt	aacactcacc	gcgaaggctct	gcarcttcac	240
tcctgagcca	gcgagaccac	gaacccacca	gaagga			276

<210> 34404

<211> 351

<212> DNA

<213> Homo sapiens

<400> 34404

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ctcagcttgc	tgccctgcag	tatgaggagg	agaaaataag	gaccaagcag	atccagagag	120
atgctgtcct	ggactttgtc	aaacaaaaag	catcacaaag	tccacaaaaa	cagcacctgc	180
tcctagatgg	cgtagatggt	gagtgcctct	tcccatccag	aagggtctcag	cacactgatg	240
atagtgcctt	gtgcatgtcg	ctgtcagggt	tgaatcaagt	gggctgtgct	gctaccctgc	300
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<210> 34405

<211> 148

<212> DNA

<213> Homo sapiens

<400> 34405

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gttacagtgt	taacgcttag	cagcttttac	ttttgggtgaa	aaccttggtg	agtttgggat	120
tcaaattatg	tactgagcgt	ggagctgc				148

<210> 34406

<211> 304

<212> DNA

<213> Homo sapiens

<400> 34406

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ggctgccagt	agcaaaaatc	actgtaattc	aaaaagcatg	acactacggt	agtgaaatta	180
tcacactttt	ctttgcatag	agcagtttac	ttgtgatgat	tttcaaagat	gtgttctccc	240

acttgtcagg ttcattctctt caactgtgtg tcgcacaatt tctcgawctc agtgctgttg 300
 acat 304

<210> 34407
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 34407
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 ggccttttgt gggcatatgt ttttatttct cttgagtaaa tacctaggat tggaatcact 180
 gggtaatagg ataggtgcaa ctttataaga macagctaga gctttttgta ctgttttacc 240
 tgaccacc 248

<210> 34408
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 34408
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 ccgatataa tctcgtggtg cgccgttttt taagccggtc tgaaaagcgc aatattcggg 120
 tgggagtgac ccgattttcc agtacatgaa tctctctac taagagatcc tgaaagaggt 180
 catcaaagcc accagaaact attcctggac agaggaggtt ttataggtgt ggttgggtctc 240
 cttactgacg tgtcaactac aaatgcacag ggttctgcct ganatgtttt agttgttgca 300
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 gaagaga 367

<210> 34409
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 34409
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 gagatgtgaa ccagcgttc 199

<210> 34410
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 34410
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 taggtatttg tttcatgtgt ttgcattaat aagcagaaag ttaagtgtctg tattggtttc 180
 atggttttgc tgccctctta catgctgaga gaactgtgtt aattctcttg aaaccatctg 240
 acatgaaaat cagcttcatt aatatgtttg ggtgccctag cttgtaaatn agctgaaggc 300
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<210> 34411

<211> 174
 <212> DNA
 <213> Homo sapiens

<400> 34411
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 tggtttctag aaggmagga aataatattt cttgagcatt tactaggggtg ttgcgtgctg 120
 tgctaagtaa attttaagtc tttcagtttt atagatacgg aaaacaaggg tggc 174

<210> 34412
 <211> 193
 <212> DNA
 <213> Homo sapiens

<400> 34412
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 aaaaaatgaa gtaggaaaat aagatgaaga ctttgtattt tggctgtaaa gttttattgt 120
 gtgatcatct taaattatct cacttcatta aactcataat tatatataga agtatatgtc 180
 aattacaaag gta 193

<210> 34413
 <211> 84
 <212> DNA
 <213> Homo sapiens

<400> 34413
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 cccacgtccc ccacgccagc gcc 84

<210> 34414
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 34414
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 gcagctgcca rggctcatcg cattggccaa aacaagtctg ttaaagtatt tcggctgatt 120
 ggtcgagaca ctgtggaaga aatagtctat aggaaagcag cctccaaact gcagctcacc 180
 aacatgatca tagaaggagg ccattttact ctgggagccc agaaaccgc tgcca 235

<210> 34415
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 34415
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 gcggccgcct cagcatgtcg gacttcgacg agttcgagcg gcagctcaac gagaataaac 120
 aagagcggga c 131

<210> 34416
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 34416

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aaagggttaag	tcccttcctg	aaatctcaca	gccaggagaa	gctaggatga	tttaaaacaa	120
agtttgagga	ggcactgggc	atagaccctg	gctgtacagc	ctctaacaatg	cggca	175

<210> 34417

<211> 236

<212> DNA

<213> Homo sapiens

<400> 34417

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aacatctttg	tggtgttctc	tgtatttcct	gaatttgaat	gttggcctgt	cttgctaggc	120
tggggaagct	ctcctggata	atatacctgaa	gaattttcca	acttggttcc	attctcccta	180
tcactttcag	gtacaccaat	gaaacgtagg	tttgggtctt	tcacatagtc	ccaata	236

<210> 34418

<211> 366

<212> DNA

<213> Homo sapiens

<400> 34418

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gagaaaccac	atgattggga	cctgaagggt	tactgactga	ctacaggggc	tgattgtgaa	120
gcacgaggaa	ccccatgtgt	gtggagactg	tagggtgaga	gcacacaatt	attagcatca	180
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ccaggataat	tcaggcaagg	ttaccttgta	aacttgaatt	ggccacacac	catggtgtca	360
ccctct						366

<210> 34419

<211> 391

<212> DNA

<213> Homo sapiens

<400> 34419

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cattgaggag	atthagagaa	ggaaattata	tctcacttct	ctttgggggt	gatcaggaaa	300
gacctcaaag	agaaagtagc	atttaattgtg	gaccttgaag	gatgattaga	rgttttgtca	360
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<210> 34420

<211> 212

<212> DNA

<213> Homo sapiens

<400> 34420

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aatatccaga	atctacaatg	aactccaaca	aatttacaag	anaaaaacaa	ccccatcaaa	120
aagtgggcaa	aggatatgaa	cagacacttc	tcaaragaag	acatttatac	agccaaaara	180

cacatganaa artgctcatt tcactggcca ca 212

<210> 34421
<211> 117
<212> DNA
<213> Homo sapiens

<400> 34421
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aaaagaaaat ggcattgggtg arggagcagc acctmmaccc ttacctcatc cgagaat 117

<210> 34422
<211> 290
<212> DNA
<213> Homo sapiens

<400> 34422
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ataatattat gcttttcaat attgatgagt gatgtaaaca atataaagtt ggcagtttgt 180
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<210> 34423
<211> 256
<212> DNA
<213> Homo sapiens

<400> 34423
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aaaaaagtat agaattaaaa ggtcgatctg tgatgtacca tttgaagaaa attccacagg 120
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cttattttat ttgagtcctg tttgaggaat taaaatgggt ctactcattg ttggcatgac 240
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<210> 34424
<211> 226
<212> DNA
<213> Homo sapiens

<400> 34424
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ctggtgagag atggggcctg gatgtgtttg cttaggctgt gtgaaacacc tggctttaag 120
cgatcctctc accctggcct cccaaagcat tgggattaca gggagaaaag aatgggaact 180
gtgaggaaaa gaatgacatg aacaatggga agaccaaggt cccaga 226

<210> 34425
<211> 246
<212> DNA
<213> Homo sapiens

<400> 34425
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catgttacat	tgttctccct	tcaccttctc	ggcatgttg	caccactgtt	tcccttctag	180
tcatatccca	gggggccttg	tcccatttat	acagctctat	tctagtgggc	accagaggaa	240
tgggag						246

<210> 34426
 <211> 423
 <212> DNA
 <213> Homo sapiens

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atcaactctc	ccatttggaa	aaatcccat	tttggaggtt	gatggactta	ctcttcacca	240
gagcctagca	atagcaagat	atttgaccaa	aaacacagat	ttggctggaa	acacagaant	300
ggaacaatgt	catgttgatg	ctattgtgga	cactctggat	gatttcatgt	catgttttcc	360
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tgc						423

<210> 34427
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 <212> DNA
 <213> Homo sapiens

<400> 34427						
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atcagcccca	gtatgcgtgg	ctgaaagagc	tggggctccg	cgaggaaaac	gagggcgtgt	180
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agccaatagc	aagagtccga	caggccagtg	tggcagacta	tgaagaaact	gtaaagaaag	300
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<210> 34428
 <211> 216
 <212> DNA
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<400> 34428						
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tagagtgtct	gtcctcttac	agtgcgagag	aaggaacgtt	tctcagggtt	tcagctcaca	180
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aagtgaaaa	taattcttcc	tgccttc				208

<210> 34430
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 34430
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 cccgtgcaga a 71

<210> 34431
 <211> 227
 <212> DNA
 <213> Homo sapiens

<400> 34431
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 aaatccattc tcaaatccca aatwtcacag asaccctca cacaaggaat atraaaacca 120
 ccaccctcca gcctgggcaa cgtagtaaaa cctcatctat acaagaattt aaaaataagc 180
 tgggcgtggt ggtacacacc tgtggtccca gctactaggg aggcaat 227

<210> 34432
 <211> 51
 <212> DNA
 <213> Homo sapiens

<400> 34432
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<210> 34433
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 34433
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 gaggcagacc catgtgctgc tgttgcaaag agggaggat agggaggga tgttgccctc 180
 tcccaggctc ctcttctgca gtgccagctg acttaaggga gtgaactacc tgtgaagtag 240
 aaaatcagag ggaagttttc attctaagga aggagttttt acatgccaca 290

<210> 34434
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 34434
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 taccacaagg tacgtccatt tggactacaa gaagagcttc ctttaaagtt cctatttcag 180
 cataaagagg ctgtcctttt tttttaggaa tagtttgac cttgtgcctc ctgtgggagg 240
 ctgaggactg caagaggaga gctagcagat atgcctgttc acccctctct ggtacttggt 300
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 gaca 364

<210> 34435
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 34435
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 atctatttya taattatycc tgtcatatct mcttttcaga ttgtmactgt tttgcttaca 120
 tctaagcaac ttgtacacta aatttttaaata taatagamca acagtaatga matgataggm 180
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 acattgttga t 251

<210> 34436
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 34436
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 atacggaagc caccgt 136

<210> 34437
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 34437
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 tgcgccacct cagctgcgcc ccgtggacat tagcgaatgt ttgaggagtg agttattcag 180
 tagatggaga gaggccctca aagttggcta gaagataaat gactaaaagg aaagcctgtt 240
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 cttca 305

<210> 34438
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 34438
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<210> 34439
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 34439
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 gttcaaacia ttcttctgcc tcagcctccc aactagctgg gattacaggc atgtgtcacc 180
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tctccaactc ctgacctcag gtgatcaggc cacctcagcc tcccaaagtg gtgggattac 300
aggcgtgagc caccgcaccc ggcctc 327

<210> 34440
<211> 391
<212> DNA
<213> Homo sapiens

<400> 34440
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tatgagatag gaatccatt tcacttttta catggcattt ccccaaagga tcatttattg 180
aatagtccat cttttcccta ctggtttgaa atgccaccac tgttaaagat cacatttatg 240
tttatatgtg ttgatcagtt tctaagcact gtatagtatc ttattgggtc gagtttttaa 300
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tcttactatt ttgttgaata atactccctc c 391

<210> 34441
<211> 290
<212> DNA
<213> Homo sapiens

<400> 34441
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ttcttctgtc tcttccttac cctggccctg caccctgtg ctttaagagg agaggtggga 180
ggtgctgtct ggtatcattt gctgcctcgc cagtagaggg tgccgctgtg cagggttaact 240
gcccgcctgc tcccttctg acctccctg accccgaaga tcactacctc 290

<210> 34442
<211> 347
<212> DNA
<213> Homo sapiens

<400> 34442
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accatactga ggctttctga ctgagctcct ctctaccctg gatacaagag accctaatag 120
gcaggaatat cattgcccct agtcagccta aagaagttac agtggatgga tctttgcccc 180
tctgcaaccc ttaggattaa agatccctt gtaakacgga ggggggaaat atgtcagaag 240
tgtttgaacc agagcaactg catcttgaac agggctctgg taaaataaag ctgagacctg 300
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<210> 34443
<211> 331
<212> DNA
<213> Homo sapiens

<400> 34443
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tcttgccact gtcactctt tgggtccaca ctgcttttat gagctgtaac actcaccgcg 120
aaggtccgca gcttcaactc tgaagccagc gagaccacga gcctactggg aggaacgaac 180
aactcccagc gcgcgcctt aagagctgta aactcaccg cgaaggtctg cagcttcaact 240
cctgagccag cgagaccacg aaccaccag aaggaaaaaa ctccgaacac atctgaacat 300
cagaagcaac aaactccgga cagccgcga a 331

<210> 34444
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 34444
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 aaattttattc aatggaaata attacgaatg tttgtaagt atgttctcca cagcattatt 180
 tataaagctt gcagtgaata taataaaaaac aactggctgg gctcagtgmc tcacgcctgt 240
 aatcccagca ctttgggagg ctgaggcagg aggatcacct gaggtcagga gttggaggct 300
 tagtctggcc a 311

<210> 34445
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 34445
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<210> 34446
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 34446
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 gcattcagtt tcttgggtaca gtgtacaagg tgaatatctt aaccagactt gccgcagaat 180
 tgaacaaatt tatgctggaa aaagtgactg aggacacaag cagtgttctg cgttccccga 240
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<210> 34447
 <211> 281
 <212> DNA
 <213> Homo sapiens

<400> 34447
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 acatgttttc tgaaactatt actttataat agaaacaaca cataccaaca taacatgaac 180
 atatatcatc acttttacat gactgcttca tattcatcag tttttggcag ctgtttgtga 240
 atactgccac atgtttttta agatgtataa agggagcvhk k 281

<210> 34448
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 34448
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tggtttgtcc tactattggt gatattaagt ttgatcactt gatgaagtgg tatccatcag 120
atttctctac tgaaagct 139

<210> 34449
<211> 152
<212> DNA
<213> Homo sapiens

<400> 34449
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ggataacttc ttaaaaatgt cttatttttag tcctagtgtat tttgaaaaat ataatcagtt 120
tccttaattt ttccgtcttt tctaggtgtc at 152

<210> 34450
<211> 158
<212> DNA
<213> Homo sapiens

<400> 34450
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aggagctgga cctgtttctc cgtcggggcgg gctctcgggc tgctgttgcg cctgggtgtt 120
tccacgcttc cccggcgcggt gactgtgggg ccctgtca 158

<210> 34451
<211> 220
<212> DNA
<213> Homo sapiens

<400> 34451
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cttaaagtag ctaagcttta taattctgtt ggctctatca aatgaaaagt ctatccattc 120
caaaactgaa caaataagtt ttatttctgt gtgagaacaa atggttactt ggaatttact 180
gggatttttc tttttccaaa tccacatagt actggcaaca 220

<210> 34452
<211> 80
<212> DNA
<213> Homo sapiens

<400> 34452
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atttgtctgg ttttttcttt 80

<210> 34453
<211> 66
<212> DNA
<213> Homo sapiens

<400> 34453
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aaaaaa 66

<210> 34454
<211> 258

<212> DNA
<213> Homo sapiens

<400> 34454
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tattatgtaa tgcccacaaa tgatagatag catttgaaag taattgctgg ctgattatag 120
gcatggtggc ttatgcctat aannccagca ctttgggagg ccagggttgg tggatcacat 180
gaggccagga gttcaagacc agcctggcca acgtggcaaa actctgtctc tactaaaaat 240
acaaaataat tagctgga 258

<210> 34455
<211> 352
<212> DNA
<213> Homo sapiens

<400> 34455
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tgggtctcact cacttcaaga atgaagccgc ggaccctcgc agtgagtgtt acagttctta 120
aaggcggcgt gtccggagtt tgttgcttct gatgttcaga tgtgttcgga gtttttctc 180
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ttacagctct taaggcggcg cgtcgggagt tgttcgttcc tcccagtagg ttcgtggtct 300
cgctggcttc aggagtgaag ctgcggacct tcgcggtgag ttttacagct ca 352

<210> 34456
<211> 376
<212> DNA
<213> Homo sapiens

<400> 34456
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tgtgcacaag atacatgtca attgactatt ttttgtcata tgtaacadwc agatwwtsck 120
gcctttcact ttagagctac ctcaaaaaaca ttgttacagg ctaggcacag tggctcatgc 180
ctgtaatcat agcacttttg gagaccaagg ctggagaata gcttgagccc aggagttcaa 240
gaccagtctg ggcatataa agagaccctg tctctaraaa aatttataaa ttagccaggc 300
attgtggcat gcacctgtag ttctagcttg agcccagcag gtggaggcta cactgagcca 360
agatcacacc actgcg 376

<210> 34457
<211> 113
<212> DNA
<213> Homo sapiens

<400> 34457
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tcttgccact gctcactctt tgggtccaca ctgcttttat gagctgtaac act 113

<210> 34458
<211> 187
<212> DNA
<213> Homo sapiens

<400> 34458
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ctatttcatt tcaagtgtgc tgttctgtca ttttctctaa cgtgggaagc tcagctgcgt 120

aacttgtagt aacgaagcgg aagttacaac gaaaagacaa gttttcctgt gcttcgcagg 180
 cccccc 187

<210> 34459
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 34459
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<210> 34460
 <211> 89
 <212> DNA
 <213> Homo sapiens

<400> 34460
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 ttgagaccac cctgggcaac atagcgagc 89

<210> 34461
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 34461
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 tacaggcgcc aacccccac 319

<210> 34462
 <211> 208
 <212> DNA
 <213> Homo sapiens

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 cgaccacatt ctttcgtttt gttttgtttt gtttttaaac acctgcttac cccttaaatg 180
 caatttattt acttttacca ctgtcaca 208

<210> 34463
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 34463

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<210> 34464

<211> 68

<212> DNA

<213> Homo sapiens

<400> 34464

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<210> 34465

<211> 332

<212> DNA

<213> Homo sapiens

<400> 34465

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ggccaagtgt	gaatgaatct	gcagtttcta	atgagtcaca	accacaactg	aaagtcttct	180
ccctggctca	ttcagctccc	ctgaccacag	aggaagagga	tcactgtgct	aatggacagg	240
actgtaatct	aaatccagag	attgccacaa	tgtggattga	tgaaaatgct	gttgcagaag	300
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<210> 34466

<211> 349

<212> DNA

<213> Homo sapiens

<400> 34466

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gtcctgagga	gtggattaca	tattccaaca	gttggtacta	cattggtaag	gaaagaagaa	180
cttgggaaga	gagtttgag	gcctgtgctt	caaagaactc	ttctagtctg	ctttctatag	240
ataatgaaga	agaaatgaaa	tttctggcca	gcattttacc	ttcctcatgg	attggtgtgt	300
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<210> 34467

<211> 325

<212> DNA

<213> Homo sapiens

<400> 34467

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tagttcgaga	tcatgtctta	gagttgggta	cttctgagaa	gagttcttat	atttggctaa	180
ttccactgta	catatattat	cagtatctag	aaatttcggt	tggcctcttt	catcaagcca	240
mattctgatt	caattttcwm	ngaaacttag	gcagtttcta	cactattcag	aaagctggwg	300
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<210> 34468

<211> 170

<212> DNA

<213> Homo sapiens

<400> 34468

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tccattgact	ccttgtcctt	tgcacttgtc	caagagtgg	ccccaggcaa		170

<210> 34469

<211> 384

<212> DNA

<213> Homo sapiens

<400> 34469

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ggaagagaaa	actagaacag	ctcagttgaa	gacaaccttt	actgcatggt	gacgctgatt	180
taggcaatag	cttccataaa	atcatgtata	aagttagtta	gttagacatg	aaatctcttc	240
cccaatgttg	atacctgccc	acaaaatatt	ctcaccttca	gagtataaga	agaatcattc	300
ttaaagccaa	atattcagtt	caaggcacat	acgtcatctg	cagttgtaaa	tttgcattta	360
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<210> 34470

<211> 219

<212> DNA

<213> Homo sapiens

<400> 34470

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tgatccagtc	aggcccttgt	tgcagtgcag	tgcaggacag	cmagcccca	gccaggatgg	180
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<210> 34471

<211> 488

<212> DNA

<213> Homo sapiens

<400> 34471

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agttaacaag	ccctgcaaca	ccatcccttg	atgcaagcac	ttctctggaa	gactcttttg	180
ctcattttaca	actcagtgga	gacaacacag	ctgaaaggag	tcatagggga	gaaggagaag	240
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ctgaatcaga	tgccagtagt	gatagtggag	atgtatctgc	agttgttgca	cagcactcct	360
tgaccaaca	gagacttttg	gtttctaattg	caaaccagac	agtacccgat	cgatcagatc	420
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<210> 34472

<211> 410

<212> DNA

00139900 65657560

<213> Homo sapiens

<400> 34472

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tgcttaattc	cataaaactga	aaactttttt	tttctttttt	ctttcttttt	ttgagatggg	180
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ctcactgcag	cctcccaaca	ggctgggtacc	accacactca	gctaagtttt	ttgttggtgt	300
ttttttttgg	tagagacagg	gttgcgctct	ttcgcccagg	ctgggtctcaa	atttgtggcc	360
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<210> 34473

<211> 229

<212> DNA

<213> Homo sapiens

<400> 34473

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ccgaacacta	agcacacagc	tttttggtgt	tttggttttt	tctcccga	atcttaaagt	180
gattcccatg	accttgGCCA	aggacacttc	ttaaagatta	atgactggc		229

<210> 34474

<211> 282

<212> DNA

<213> Homo sapiens

<400> 34474

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tgtaatccca	gcactttggg	aggccaaggt	gggaggatcg	cctgagggtcg	gaagtccggg	180
accagcctga	ccaacatgga	gaaactccat	ctctactaaa	aaatacaaaa	ttggctgggc	240
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<210> 34475

<211> 193

<212> DNA

<213> Homo sapiens

<400> 34475

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aattgggttc	tttttctcgt	gggtagactt	aataattttc	tacgtattct	gacaaagaaa	180
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<210> 34476

<211> 172

<212> DNA

<213> Homo sapiens

<400> 34476

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caccccatgc	catcatctgg	aggcgggctg	ctccgcccac	catggccctt	ta	172

<210> 34477
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 34477
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 gttgcctttt catctctttt ctgatgatct aaccatgaaa gtccccagta tttgagcatt 120
 taaggcagaa tgtaaattca taatttaaga agatTTTTTg ttacgtggcc a 171

<210> 34478
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 34478
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 gcttatgtcc tcagtcacca gtgtggaatt aagagagtgg tagrattcac ttaaacaggc 180
 gagcatttct tggaaaaata ctgatacagg tctgagaccc tctgattttt cttggaatcc 240
 ccaggagtta gcaaaatctg tgcagcagcc attgcatctt ctagcaggaa agtttctacc 300
 aaagaccttt caagtatcaa catatgaaga agaagaaaga aactggctgt taccgatctc 360
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<210> 34479
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 34479
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 gagcccaggc ctggcaggct ccagaactt gaagccacca gacccacat ggaaccaaag 120
 gcctcctgtc cagctgctgc accg 144

<210> 34480
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 34480
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 aattgtgttt cctgggactc agaggctttg aaaaattttt ggaaatatat cttccattct 120
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<210> 34481
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 34481
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 aagtagtaag taaaattttac tttttgtgta caaatctttg aagtttttgt tgtgttgaga 180

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212

<210> 34482

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34482

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gagacagtga	agccttctca	catcgctgtc	ctgcctgggtg	aytcaaaatc	cagacacaca	180
gctgtcttta	tgagtcacctg	tttcaactgct	gaagaggctg	aggccgagag	gatcggccaa	240
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<210> 34483

<211> 379

<212> DNA

<213> Homo sapiens

<400> 34483

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gggatggtga	tgctgtcgac	tccgggcaat	taatgtggtg	attttaaaact	caataataat	180
atagccatgt	ttgtcctcga	atggcagaga	tgccagtcac	tgccagcataa	ggctdcccag	240
tttccagttt	tatttactta	gtagccaggc	tgaaatgtgg	aatcctagag	aataaggcag	300
atttattctt	catagcgaca	agggraactcb	acatgcgaag	gagaaaaaat	tccggtttga	360
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<210> 34484

<211> 158

<212> DNA

<213> Homo sapiens

<400> 34484

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gcagggcttg	ttccagaagg	cttgagggtc	cccagact			158

<210> 34485

<211> 157

<212> DNA

<213> Homo sapiens

<400> 34485

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<210> 34486

<211> 382

<212> DNA

<213> Homo sapiens

<400> 34486

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agtggaggag	gtgaggaagc	acacttccag	cattgcttgt	taaagcctta	gggctagggg	180
tccatgattg	agagtttatt	ttagtacact	agcatagtat	ttaggagagt	gctaactgct	240
ataacaaaga	gacccccaca	taggcaaata	cccaagcgag	ataagttatt	ttctcctgat	300
gtcacagtta	agagcagggt	aaggcagaag	ttcccctcca	cgaattaatt	cacccagggt	360
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<210> 34487
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 34487						
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<210> 34488
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 34488						
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gcaatctgga	taatatattac	caccaacacc	cccttcccca	gttcaagatt	tggtgttatt	180
gtttgctagt	tgtttagtga	tttggtatga	gtagttcagt	gaagtctact	ttccctacac	240
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ggatggcatt	ggttttttatc	agggctctat	ttgatgggtt	ctttttctga	tctctctgtt	360
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<210> 34489
 <211> 157
 <212> DNA
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<400> 34489						
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gcgtctagaa	actggtaaat	acttgaccca	tttcagcttg	aatttgacgg	cgaagtgttg	120
tagagaccgt	ctccttgaat	cattgcaaag	ggacctta			157

<210> 34490
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 34490						
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agacagctgt	gggatgcac	tgcacactga	ggagccatga	tggtctgtgg	acgcccagaa	180
gctgggggag	gcctggagca	gcctctccct	tacagcctca	gggggaatca	gcctgctgtg	240
agataataaa	tgtctgttgt	ttaagcccc				270

<210> 34491

<211> 254
 <212> DNA
 <213> Homo sapiens

<400> 34491
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 cttcttccct tggcctcgct ctctgcccag ccccgggctc cttttctcca cacgtggctg 180
 tcaagcgct tctgtatgcc ccacactcct gggagcttgg gctacatcga tgaacaaaaa 240
 caaaggacag ggag 254

<210> 34492
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 34492
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 caacctccac ctctgggtt caagcgattc tctgcctca gcatcccag tacaggcact 120
 acaggcacac c 131

<210> 34493
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 34493
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 attttttttc catttttttt ttt 83

<210> 34494
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 34494
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 tccctctgtg aatttacaac acccgc 146

<210> 34495
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 34495
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 tctgccttct cccacctcct ctcc 144

<210> 34496
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 34496

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cgttacacta	tgtactcatt	cattctcact	tttactcctt	tcttagamat	aatttcctag	180
agtccagggtg	yggygtcyta	tatckgkaat	cccagcactt	tgggaggctg	aggcagggtg	240
attgcctgag	cccaagagty	tgagaccagt	ctgggcaaca	tggcaaaacc	c	291

<210> 34497

<211> 385

<212> DNA

<213> Homo sapiens

<400> 34497

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agcttttttc	ctttgggaag	aaaaacatgg	tagagttaat	agcaataaat	aagtaaacac	180
aaattcaaaa	ttatgtttgt	gggtatcatg	cttttataaa	agatagtaaa	taaataatac	240
cttatcactg	tgaaatcttg	attaatcatg	actttctggc	tcttttttct	gcaaattcat	300
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<210> 34498

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34498

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gcttcgtgaa	cctgctgtcc	gtagctctgt	ttcacagatg	ggggaaactg	aggcctggcg	120
attaagtggc	ctgctgaaat	catccagcta	tgacatatcc	gatgccct		168

<210> 34499

<211> 60

<212> DNA

<213> Homo sapiens

<400> 34499

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<210> 34500

<211> 242

<212> DNA

<213> Homo sapiens

<400> 34500

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tgctttggcg	aggaggtgct	gatgtagcca	ggaggggagg	ggtaggaaa	tgaagtggcc	180
agtacccac	gatccactg	cagttgagtt	tgtcccctcc	aatgaggtgg	accctgggccc	240
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<210> 34501

<211> 191

<212> DNA

<213> Homo sapiens

<400> 34501

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tgggggcccc	agatcgccac	ttccggtgac	cagagattac	gtgtgaaaat	gaacttgtgc	180
aaacccaacc	c					191

<210> 34502

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34502

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cctggagctg	tgctgtggct	tgaggagatc	cgccaggagg	tggtcagagc	caaccaggac	120
actaatacag	ctcagagaag	ctcattggcg	gggttatagg	cagcaggt		168

<210> 34503

<211> 385

<212> DNA

<213> Homo sapiens

<400> 34503

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acatataagg	cctcacataa	gtttaaagta	aaggggtgga	aaaaggcatt	tcatgcaaat	180
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gcacttaaga	gagatgaaga	gggacattac	ataatggtaa	aagccttgtc	caacaggaaa	300
atatcacaat	cctaaacaga	tatgcaccta	acactggagc	accacattt	agarrrcrat	360
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<210> 34504

<211> 191

<212> DNA

<213> Homo sapiens

<400> 34504

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ggctgaggag	gaaggatagc	ttgaggccag	gagtttgaga	ctagactggg	caacatagca	180
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<210> 34505

<211> 158

<212> DNA

<213> Homo sapiens

<400> 34505

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gactgaaaat	tagattgaga	agaaagatac	aacttcctcc	atagccaata	aaatctgtct	120
ttccaagtct	gcttattaat	gctgtgaatc	gctccttc			158

<210> 34506
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 34506
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 ggccctggga acgtttccct ggtcccgggtg aatgccctga aakgccccgt gaaggggtca 180
 gtgaccacac tgaagagttt ggtgagcacc cctgmtgggc ccgtgaamgt cctgaaaggg 240
 cctgtgaatg ttcttacggg gccagtgaat gttctca 277

<210> 34507
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 34507
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<210> 34508
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 34508
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 cccaggattt cttcattttc taatagatgt gggagtgtct cattttcccc gacagcgaat 180
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<210> 34509
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 34509
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 gaamcgtgac acaggcacag attgctggtg gacatataag ttggtacagc cctctctatg 180
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 t 241

<210> 34510
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 34510
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 tcccatcaga ctactggaaa accatggagc tcctgtctat gccatcaaac aagataccaa 120

tttttttttc tttttccagc aatttttctgc ttccctakkcc ac

162

<210> 34511

<211> 408

<212> DNA

<213> Homo sapiens

<400> 34511

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tgggtagtat	aaaatcatca	gagctgaagg	catctagaaa	ttatctgtac	cagccctctg	180
ctttagtcac	ggaaaatagt	cagtatactc	atttttatag	acagtgtatc	tcaggctcag	240
agagagaatg	tgacaacaaa	caataaaactc	agactttgtc	tttaaggctc	agtagaatct	300
ttcatttcct	agtcctntta	tttcttggtg	tgattttttt	ctgacagttt	cttgtatgga	360
gtattttcct	cttcctttta	cattttctta	atgcatatat	attcacat		408

<210> 34512

<211> 75

<212> DNA

<213> Homo sapiens

<400> 34512

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cactaccccc	cccc					75

<210> 34513

<211> 235

<212> DNA

<213> Homo sapiens

<400> 34513

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gggcgcgagg	ggaacggagg	ccagagctgc	tctgacagca	gccatggcga	gcggcartkk	120
agacagcgtc	amccgtcgga	rcgtkgcatc	acagtttttc	actcmaragg	abggggccsgg	180
catcsatggc	atgaccacct	cararagggt	kgtggatctt	ytgaaccagg	cggca	235

<210> 34514

<211> 309

<212> DNA

<213> Homo sapiens

<400> 34514

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catcaatgcc	cagctgcccc	tgacagacaa	ggccccgsrw	rggcccgcga	trtcctagac	120
aactcgggcg	agtgagtggt	caccaaacgc	caggtcatcc	tcttgcacac	tgagctggag	180
cgctccctgg	agtahctgch	gctgagggtt	sgggcctca	cagggctcgc	tgccattgcc	240
aghtcctct	acctgctcac	ccactaccty	vtgccttasg	cctagtgggg	cactcaaggc	300
agggagccc						309

<210> 34515

<211> 51

<212> DNA

<213> Homo sapiens

<400> 34515
taaaacagta tagtcataac acagatatgg cagtttttta gttttttttt t 51

<210> 34516
<211> 291
<212> DNA
<213> Homo sapiens

<400> 34516
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ctagtctgct cacagacttc tttgggactt atgttatatt ttaccaacaa atttagaatt 120
atttcaagtt gctttatggt aaaatatata acaagttaca ttttcttgct gcattaataa 180
gtttttgatt tttaaaatct gatatttcag caactaaagg aatacttttc tttataggtc 240
tgttctgttt ttaacctcat tgactgtata tgttttatatt acccgtgcca c 291

<210> 34517
<211> 73
<212> DNA
<213> Homo sapiens

<400> 34517
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aaaaaaaaaa aaa 73

<210> 34518
<211> 329
<212> DNA
<213> Homo sapiens

<400> 34518
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ggttttgcac tatagtttag ctcttcacag agaacgcggc gctgtcaagc tgtcaatgct 120
tgtctaccgc ctcgagagaca caggccgccc ggaaaccaca gggtcgacgg gaacggcgga 180
gtgtagcatc cccgggcccc aagtcacag tgctctctcc acttgacctg tcggcgcccc 240
ttctcaaagt acggatctcc aagaggaagg acctctctcc tctcsastct cagagtaaag 300
caagccagca gcgcaaagtg cacctccc 329

<210> 34519
<211> 369
<212> DNA
<213> Homo sapiens

<400> 34519
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gcacacaggc tgagcgctga ggagagggga ccagctgctg ccaaacctga gggctgtggg 120
gtggaatgag ctggaaggcc gtgatgccat cttcaagcag tttcatttca aagacttcaa 180
cagggccttt gggttcatga caagagtggc cctgcaggct wngaaactgg accaccatcc 240
tgaatggttt aacgtgtaca acaaggtcca catcacgctg agcaccatg agtgtgccgg 300
cctttcagaa cgggacataa acctggccag cttcatcgra caagtagcag tgtccatgac 360
atagaccct 369

<210> 34520
<211> 162
<212> DNA

<213> Homo sapiens

<400> 34520

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atccttc	agga	agcatat	cttcagg	aggtttg	gacatcg	120
atgggg	ta	tagagg	caccac			162

<210> 34521

<211> 414

<212> DNA

<213> Homo sapiens

<400> 34521

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cactgt	catgtg	cctgccc	tgagc	agttcat	atacc	180
gggagt	cgcacc	atgtccc	cttccc	tgagg	tggtcc	240
ctgagt	ccacct	gtcagg	gtggg	gcctc	ggctcc	300
cttcca	aaggg	ctgcag	gacag	cccag	gctgga	360
aagctt	gcac	attctag	gccatt	gattct	tgcat	414

<210> 34522

<211> 241

<212> DNA

<213> Homo sapiens

<400> 34522

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tacatt	ccaac	aaaagt	ctattt	tatct	cagcat	120
catttt	tttact	attctg	gcgtg	gtatct	gtgggt	180
tttgcat	tccaag	agtgat	agcttg	ctttct	tggtgg	240
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<210> 34523

<211> 237

<212> DNA

<213> Homo sapiens

<400> 34523

tgtaat	ccagat	ggtaata	tgctg	ttgga	gctgca	60
tggtga	ttcttg	atgtc	ttcca	acacg	catcca	120
ttgaata	tcgtg	gtggt	agacag	ggctc	tcaaaa	180
ttagt	atcct	ccctat	ttaac	gcctcc	ccccg	237

<210> 34524

<211> 225

<212> DNA

<213> Homo sapiens

<400> 34524

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tgcccg	ccctc	ccttc	accca	gcttc	ttccc	120
cttccc	tttct	aacag	ggggg	ctcgg	ctcag	180
aaacaga	agagaaa	aaggaca	tcgata	cacc	cgatc	225

<210> 34525

<211> 126

<212> DNA

<213> Homo sapiens

<400> 34525

gaatagacag	ggctgctggg	gactgttgta	caggctgtgc	actgctcaag	ggtatccaga	60
gccagcttt	ggtatctacc	aggaagaagg	ggctcccctc	ccctcccttc	ctcttcctc	120
cccatc						126

<210> 34526

<211> 211

<212> DNA

<213> Homo sapiens

<400> 34526

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tttgtggtgt	gtgtgtggtg	tgaamtgggt	ttttgtcttg	aagaagcatg	ggtcaggcaa	120
aaataagccc	acccactag	gaactatgtt	aaaaaaaaata	aaaatttcaa	gaaagaattt	180
aaggagatt	acgatgttac	tgtgacacca	a			211

<210> 34527

<211> 210

<212> DNA

<213> Homo sapiens

<400> 34527

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ccgccgttt	cctcctccan	ctcttytcct	ccgcctcmgc	cggcgcgatg	gnnnacgmct	120
gacggacagc	gagaagcgga	aswgatcagc	gtgcgcggcc	tggcggggct	aggcgacgtg	180
gcmgaggtgc	ggaasakctt	caaccgacaa				210

<210> 34528

<211> 347

<212> DNA

<213> Homo sapiens

<400> 34528

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tgscacrgtc	accttcagct	atgcataata	gagaattatg	gaatttttaa	gggctctaca	180
aatagaacct	cctctgcatg	agctctccac	tccttagtaa	ggaccaggat	ttgtgggaac	240
cacagtcaat	aggttgact	acagctgaca	acacaatcaa	ctgacagaaa	ccattactga	300
gtaaacattt	acggagcatt	tggtatatct	cagtcacttt	actaggt		347

<210> 34529

<211> 359

<212> DNA

<213> Homo sapiens

<400> 34529

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gatttccccg	ccttgattct	ccccacttcc	caatacaggc	gtctggctcc	gcagcagaac	120

acgaagtttg	cattccccaa	ggggcggcc	ggggcgggac	cagggaaagt	ccgccccagg	180
tcagcgactt	acaactcttc	attctgaagt	gcgtgtagtg	cccttgctc	cagagacgca	240
gagagtccct	gaggccctt	gagctaagt	cagcctggcc	cagtttctcc	tgcctactc	300
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<210> 34530

<211> 281

<212> DNA

<213> Homo sapiens

<400> 34530

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tgatttgaat	tttaaacac	tgagctttgc	cggtggaaga	gttcccaagt	ttattccgac	120
ctacggaaag	cccaggagga	ccaggattac	cgctgccgct	ggatgcgtcc	agggccggga	180
tgcgcgaccg	tgagacgctg	cgcttccgaa	gccctcgag	gcttccgggt	gccagagcag	240
gagacatacc	ctctgtccag	ccttccactc	tcagcccccg	c		281

<210> 34531

<211> 366

<212> DNA

<213> Homo sapiens

<400> 34531

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caattcaccg	gtattaccag	tttattatgt	aaacaagaga	tttggcatga	catgttctgt	120
atgtttcagg	gaaaaatgtc	tttaatgctt	tttcaagaac	taacacagtt	attcctatac	180
tggattttag	gtctctgaag	aactgctggt	gtttaggaat	aagaatgtgc	atgaagccta	240
aaataccaag	aaagcttata	ctgaatttaa	gcaaagaaat	aaaggagaaa	agagaagaat	300
ctgagaattg	gggaggcata	gattcttata	aaaatcacia	aatttggtgt	aaattagagg	360
ggagcg						366

<210> 34532

<211> 223

<212> DNA

<213> Homo sapiens

<400> 34532

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cttgggtgcg	ccttcccggc	gtctagggga	gcgaaggctg	aggtggcagc	ggcaggagag	120
tccggcccg	acaggacnng	tgctgatggc	agagattggt	gaggatttgg	ataaatctga	180
tgtgtcctca	ttaattttcc	tcatgaagga	ttacatgagc	cga		223

<210> 34533

<211> 243

<212> DNA

<213> Homo sapiens

<400> 34533

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atttgaaaaa	aaaaatctat	agatctaatt	gatacaattg	tagaacaaaa	tgtcaaaata	120
atgttttaag	tataagagaa	gatggaccaa	ggagagagag	atcatttgaa	aatctaattg	180
tagcttttct	aggctcacat	tcatgtacta	cttttagcac	ccttatgggc	tgtgctcgcc	240
ccc						243

<210> 34534

<211> 149

<212> DNA

<213> Homo sapiens

<400> 34534

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agttttgtgt	tttcagaaga	tagaaatatt	catgtatatc	acagtagaac	ttaaattgcag	120
tgtgatttaa	aacatctcat	ttgtttctgc				149

<210> 34535

<211> 141

<212> DNA

<213> Homo sapiens

<400> 34535

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aagagcagat	tcatgtctca	agaaaactgt	tgtgctttta	ttccagtatt	caatttatgg	120
aaaaactgaa	taatacccct	t				141

<210> 34536

<211> 211

<212> DNA

<213> Homo sapiens

<400> 34536

cactaaaata	agatcatggt	ttaattgtga	gaaacagggc	caagcacagt	ggctcacgcc	60
tgtaatacca	gcaccttaga	ggtcgaggca	ggcggatcac	ttgaggtcag	gagttcaaga	120
mcagcctkgg	ccaatatggt	gaaaccaggt	ctctactaaa	aatacaaaaa	ttagctaggc	180
atgatggcgc	atgcctataa	tcccagctac	t			211

<210> 34537

<211> 250

<212> DNA

<213> Homo sapiens

<400> 34537

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cagttgggtcc	tttttattat	ccattcattt	ggatacaatg	gtgagggcgc	cactgaagaa	120
agtgkggcgt	agggratgga	aagggggaaa	ggagccagat	gacctaggta	gagactcccc	180
tctccccctc	tagctctcca	ggtcttcccc	actttctctk	tcctcccttt	ccctcttcat	240
catgacctcc						250

<210> 34538

<211> 213

<212> DNA

<213> Homo sapiens

<400> 34538

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cttaatatca	ctaaatatca	gaacaatgta	acattttacaa	atgacatatt	gaaagcaaaa	120
ggctgttttda	tttagccaag	atgattacca	ttaggagtta	ctttatgtat	tggtgaaagc	180
aaatttttaa	catgatgttt	tagaagtgtt	tcg			213

<210> 34539
 <211> 447
 <212> DNA
 <213> Homo sapiens

<400> 34539
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 acravcaaar aacctacttc agggaaatga caacaacaga aagccaccat ttgccctaaa 180
 atttttattg taaaaactat tctctcctgt ttgagtagtg agggatctag gacataaywg 240
 tggcttctct ggctttcsnn nggaatcagg gcacttggaa actcaattaa atgtacccaa 300
 gcctcttaag caccaaggct atctttttgc tcatccagtt aatttcagty tgtaaaattg 360
 gccttgtgct gacatgatgg agacgggggtg aggggtgggga agccagggtc ctctgtgagc 420
 ggatgcttgc ttctctgttc acaagct 447

<210> 34540
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 34540
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 gtgcagggac aacggcgact atccttattt tgaacaagt gcaaaagatg ccacaaatgt 120
 tggcagcagc ctttgaggaa gcggttcgaa gagttcttgc taccgaggat aggtcagatc 180
 atttgattca gacagacaca gtcaatcttc accgaaagcc caagcctagc tcatcttctg 240
 gttgattgtt agattgttga tgcattctaa ccaactcaca catatacaca aaatcaacat 300
 ggggatggag aagagaatta gcgtttgcag cagtgtatca tctactaata aaattaaact 360
 aatgttctct cttcattagt tgggtgggaga agggacata 399

<210> 34541
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 34541
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 cattccgtga gtccgagtmv agagaggggc ccagccgcg ggcctgcgtc cctcccggga 120
 gccgggtttc cgcccctgag gcctcgggct gtgcgctcag ttaagcccga agctgctgtt 180
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 cctcaccg gggcgattct gcgcccag ggacttttgg ctatagtwrg agacgggttg 300
 ggatgtcaca aaatggaggg taggagggac tgtgtacta ctgtaatcta gaggggtggag 360
 scagggatgc tagcagctca gcacccctga gcgcgta 397

<210> 34542
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 34542
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 tgtggaacca cataagactc actgtgtttt cattttgaaa agaaggctaa tcagttttta 120
 tagttaagtg gctgac 136

<210> 34543

<211> 382
 <212> DNA
 <213> Homo sapiens

<400> 34543
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 gtgaccagca tcttcatttg cccagggtt tgcaggtaaa ggatgcgttc ctaggatgtg 120
 agamyttaaa rgtgcctaaa atcrgaaaac tctcaggcat tttagacagga accacaagtc 180
 tgaggcccc aggaataaac tgtcatggtt agatggtaga actctgcac agagaaagg 240
 tgtgtgtgtg tgagcgtgas mgtgtgtgtg tgttgacca atatgtgcat gtgggtgtat 300
 gtgtgcgcat ctgcacccat ttgtgmwtgt gtgagtmgtg agagtttgtg tatgcatggg 360
 tgtgtgactt gttcaagtgt gt 382

<210> 34544
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 34544
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 atgcacaggt tgcttctctc tctctctctc ttttt 95

<210> 34545
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 34545
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 cagagragga aaacagcccc cgaaccagca ggagtggcct ggcacatgga ccggcctgag 180
 cgatgtgcac tccacccaag ccaggctccc agggggcctg atttctctct cactgtctct 240
 ttttttaaaa tggttgcacg gccc 264

<210> 34546
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 34546
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 caaacattta gaaaaaaaaa aataatctta aaacattctt ccataaaaaac agaggtagag 120
 aaagcgcttc tcaatttact ttgtgaggcc atcaaaaactg tcatataaaa tctgatgaac 180
 acatcaaaac aaagaaaatt aaacatcaat atccatcatg aatgggggca cc 232

<210> 34547
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 34547
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 agataaaagg caaaaatgtc agcaaaacact aatttcatgt tataagattc agaaagggtg 120
 agcaaaaagta aaccaagcaa acacaaaaca gaaaatgagt tgtagtctgc atatcaggca 180

aggttgaact tagggaaaag gaaccggaaa aaaaaaa

217

<210> 34548

<211> 230

<212> DNA

<213> Homo sapiens

<400> 34548

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acaaagtgcg	gagaggagcc	ccgctctgga	tcccgccggc	tccccaaggc	tgaaggagac	120
aagtctggat	cgcaggagcc	cccagtaaga	acagcagccg	cctggggggc	cgaccatgta	180
tgtgtacagc	tggccgccgc	ccaaacaggg	cgtctggccg	ccgccgccac		230

<210> 34549

<211> 302

<212> DNA

<213> Homo sapiens

<400> 34549

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atttcttccc	tccctctccc	tccacttgct	ttgcctggag	ttacactgat	ggtcgacggg	120
tgrwgggatt	ttctacccta	gcaaggatgg	tacgaagatt	ccaatgttca	ttgtgcataa	180
aaaaggcata	aaattggatg	gctctcatcc	agctttctta	tatggctatg	gcggcttcaa	240
catatccatc	acaccaact	acagtgtttc	caggcttatt	tttgtgagac	acatgggtgg	300
ta						302

<210> 34550

<211> 235

<212> DNA

<213> Homo sapiens

<400> 34550

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cggctccctt	ctcggctccc	gggtaccctg	gagcgctcca	gtttggrcaa	actgggaaag	120
gaagctgctg	gccagagcta	tcgtgcacgg	gcaaaacaag	ccccgccggg	gctcgggatt	180
gcccaggacc	ttctggagcc	cctahctcgg	agccgaggga	ggagaaagcg	gcagt	235

<210> 34551

<211> 432

<212> DNA

<213> Homo sapiens

<400> 34551

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atggtgactt	aatcttgac	tccagcctc	cagaactttc	taaggcacat	tacaaaaaat	120
krrgaggaag	aaagtgtgca	gttctgttct	gacaggcctc	tgctactgaa	cagtgggatt	180
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gaatcttgac	ttaagaaagt	cagaattgga	aacagagctg	ctacaatggc	aatgacgagc	300
tgctcagctc	ctgaaacaaa	ttttctttgt	cctasagcaa	cggatctgca	aattaatttt	360
ctttctttgc	tggaatctgt	tacottgcat	ccactcatgg	gcagtcacct	agaggcttcc	420
ccaccahcg	ca					432

<210> 34552

<211> 106

<212> DNA
<213> Homo sapiens

<400> 34552
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ccaccactac cagaagagcc atgtcattaa aaaaaaaaaa aaaaaa 106

<210> 34553
<211> 250
<212> DNA
<213> Homo sapiens

<400> 34553
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gctctttgtg gtgttttatt ttactcacct ggaagtaagt ccaatcacag gaaggagcaa 120
gctactatta ttggggaaaag aacagttcag acttttatcg gaactggaat atgaagcatg 180
gatggaagaa ttaaaaaatga tatgctaact gagaaagatg cccgatacct ggctgttaaa 240
gaagtgcctt 250

<210> 34554
<211> 346
<212> DNA
<213> Homo sapiens

<400> 34554
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gacatgggtg gagtgtgtgg gtgtgtgata agcttctcat ccctgcatag atgcagtatt 120
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atagagaaaat ggggtkagcc atagagggtta aaactacctg gttatcccat ataataacac 300
aaactgggtc ttggatacac agttgtattt aatgttttac gatcta 346

<210> 34555
<211> 78
<212> DNA
<213> Homo sapiens

<400> 34555
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cgggcctgcg ctgcct 78

<210> 34556
<211> 163
<212> DNA
<213> Homo sapiens

<400> 34556
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catgtgtaaa aatttcttctc tggttaagtta ccattaaaat atatctgggtg tgcaaatttt 120
gataawtwat tgaaaataaa atgtgaaatc ttattgggca taa 163

<210> 34557
<211> 170
<212> DNA

<213> Homo sapiens

<400> 34557

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cttgggaaga	caaggtgggt	ggatcgcttg	agcccaggag	tttgagacca	gcctgggtaa	120
catamcmaaa	atcckgtctc	tacaaaaaac	aaacaaacaa	aaccctaaact		170

<210> 34558

<211> 175

<212> DNA

<213> Homo sapiens

<400> 34558

gcgttttctn	ggtttcactt	ccggtaggag	agtcccaaac	ggccagcggc	tgggaatttg	60
cggatcgcg	gggggggtgg	aaatttcctt	ttgttgcgwt	gctccttctg	atgtcagcct	120
tcaaacggtt	tgtgggactc	ccctttgatt	tgagtctctg	ctgctagcag	ctgcg	175

<210> 34559

<211> 137

<212> DNA

<213> Homo sapiens

<400> 34559

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ttttcatata	tgcctattgt	ttttgcacct	gagctacagc	ctggagctgg	taaggcaagc	120
agttgaaaaa	ggmcaaaa					137

<210> 34560

<211> 200

<212> DNA

<213> Homo sapiens

<400> 34560

tagatgctct	ttatcaagtt	gaagccattt	cattctattc	tttttttaat	gtgtgtgtgt	60
atttatatgt	atgatagatt	tttaaaaaat	ttcagccttg	atttttgata	caggaagtac	120
atgtgaagga	ttgttacatg	catatattac	accagatag	tgaacataat	accaaataag	180
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<210> 34561

<211> 316

<212> DNA

<213> Homo sapiens

<400> 34561

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gaaaatccct	atcctgtttt	tgttctaata	taactaccgg	tgcatgcagc	ccccagtcac	180
gtacccccctg	cttgctcaat	caatcatgac	cctctcacac	acatcccctt	agagttgtga	240
accttttaaaa	gggacaggaa	ttgctcactt	ggggagctca	gctcttgaga	caggagtctt	300
gccaatgccc	ctgacc					316

<210> 34562

<211> 380

<212> DNA

<213> Homo sapiens

<400> 34562

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gggctacaag	ggtcttttgc	ggtcgaccct	gcggggaacc	ggtgggaaaa	ctgaggtccc	120
taaacacaga	ttcggassgc	cctcttccag	ttggcagctg	gatgccagcc	agagctatgc	180
tgtgcccttg	ccctgagagt	ttcccgggca	ccgccdwatc	ctgagcgaca	tcagggggcc	240
cgggtcacgg	tcgacttcca	ggggtctcca	cagccacgaa	ggttggggcc	cgcttccctg	300
gagcgagtaa	tccatccatc	ccgtgaatac	ttgccaggca	cattgctagg	tgctggagag	360
gcaatgagag	cacattcgga					380

<210> 34563

<211> 452

<212> DNA

<213> Homo sapiens

<400> 34563

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taagattagr	tgggcmaagt	aaatttcagc	ctggggccctg	acagagtgat	catgaatttc	180
tagtaagggg	tgggggtgtc	ctgaattaat	aaggtagcat	tttaatgcat	cagtctgcgt	240
attaccacgt	ctcattcata	taaacaagac	agtggtcatt	aggagaaggg	mmacaaacca	300
tgtaatggg	gcagaaagga	ctacattttt	acagctgtga	cttaagtggg	gagaagcatt	360
tgttgtgcat	ctaacctctc	gcbhggagct	tcacagagat	tacttacatt	gaatcctttc	420
agttgccatg	tcgtcctatg	ttagagaata	gt			452

<210> 34564

<211> 108

<212> DNA

<213> Homo sapiens

<400> 34564

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gacagacggg	tctgggtgtg	caagcgcaga	ggactttaga	gatgaaca		108

<210> 34565

<211> 420

<212> DNA

<213> Homo sapiens

<400> 34565

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acctagaatm	wnrgtccaga	tgttcccgaa	atctgtgtct	tctacaagtt	agttactcac	120
attctgkttt	caagatcttt	ttgagtcctg	atagcattta	tactagtact	taatataatt	180
atttaaattg	attcactctt	ttctttgttt	aataagaaga	cgttgggtact	acacagacat	240
aaaaagaaga	tacatatata	ttaaaatgar	atataatctgt	ttaaagtgtaa	catttgatcat	300
acatcccgtg	tttattttcaa	gcattttttc	tctgctagct	tacattttatt	tccagctctt	360
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<210> 34566

<211> 66

<212> DNA

<213> Homo sapiens

<400> 34566
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ttypctt 66

<210> 34567
<211> 63
<212> DNA
<213> Homo sapiens

<400> 34567
tcgcgtcccg gaagcggcgg tggcggccgc ggcgtasgcs saggagattt tcggacctgc 60
gac 63

<210> 34568
<211> 381
<212> DNA
<213> Homo sapiens

<400> 34568
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ccctcaccca cgtcgaatat cctgsaggtg aatctctccg gcmacctcct tgcctacctg 120
agcctcagcc ctgtatttgt catcgctcggg ttcgtgacct tcattcatatt taagcgggag 180
ctgcacacga tctccttctt tggggggcctg gcaactgaac aggggggtcaa ctggctgac 240
aaaaacgtca tccaggagcc ayggccctgt ggaggccccc acacagcagt gggcaccaag 300
tacgggatgc cctccagcca ttcccagttt atgtggttct tctccgtcta ttccttctt 360
ttcctgtatt taagaatgca c 381

<210> 34569
<211> 204
<212> DNA
<213> Homo sapiens

<400> 34569
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agaccatgat gagaaggaga ggtaagacat gcttcattat accctcctct tttttggaat 180
tcaggaaaag cttaccagcg ccaa 204

<210> 34570
<211> 383
<212> DNA
<213> Homo sapiens

<400> 34570
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tgtccagggt gaaaaataat gtgctgatgc tagagtccct ctctgtccat actctacttc 120
taaatacata taggcataca tagcaagttt tatttgactt gtactttaag agaaaaatag 180
tccaccatcc acatgatgca caaatgagct aacattgagc ttcaagtagc ttctaagtgt 240
ttgtttcatt aggcacagca cagatgtggc ctttcccccc ttctctccct tgatatctgg 300
cagggcataa aggcgcaggc cacttcctct gcccttccc agccctgcac caaagctgca 360
tttcaggaga ctctctccag aca 383

<210> 34571
<211> 227

<212> DNA
<213> Homo sapiens

<400> 34571
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ggagcctcac agacccccgt ctgccacag tgaggccgtc tgggagaaca tggcgcgcat 120
gtgcggtgaag acccagcggc tggacgtggc cnaggtgtgc ctggggaaca tgggccatgc 180
ccgcggggcc cgagcgctgc gtgaggcgga saggagccgg agctatg 227

<210> 34572
<211> 77
<212> DNA
<213> Homo sapiens

<400> 34572
gatacaaata aggaaacttt ctgtgtgata ttgaatactt taaaaccttc tgagactcaa 60
tcacatgtcc tcattctt 77

<210> 34573
<211> 164
<212> DNA
<213> Homo sapiens

<400> 34573
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ccctcaaagg cgtgtgcgtc agagacacgg acgtgttctg cacggaaaac tatctgaagg 120
tcaactyhcc tccattttta tttgaggcat ttctttatgc tccc 164

<210> 34574
<211> 60
<212> DNA
<213> Homo sapiens

<400> 34574
cctgaggggck ttgtcatkcc cagaggaaat gktctcttca cgggtggaaaa cacagatcca 60

<210> 34575
<211> 330
<212> DNA
<213> Homo sapiens

<400> 34575
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gtgtttttgta attctccttg tggagatcgt tcacatctta ggtagttgt atttgcaggg 120
rttttatattt catcctaggt gttgtaaata tgattgtgtt cttaatttaa ctctcaacct 180
ggatgttggt gttgtataga aatgctacta attgtgttac attgattttg tatcctgaaa 240
ccttgctaaa atcctttatc atttctagta gacttttgk gaagtcttka aggtktttta 300
ggtatagaag gatattgttg ggtgaagaca 330

<210> 34576
<211> 95
<212> DNA
<213> Homo sapiens

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ttcatacaaac	tgggaggtgg	aaaagttgag	ctgtgacctg	aagatccatg	gtttggaaca	180
agagctggaa	ctgatgagga	aagaatgtag	cgatctcaaa	atagaactac	agaaagccaa	240
acaaacggat	ccatatcagg	aagacaatct	gaagagcaga	gatctccaaa	aactaagcat	300
ttcaagtgat	aatatgcagc	atgcatactg	ggaactgaag	agasraatgt	ctaatttaca	360
tctggtgact	caagtncaag	ctgactacta	aga			393

<210> 34582

<211> 144

<212> DNA

<213> Homo sapiens

<400> 34582

tcagttcttt	tgtatttgct	gaggagagtt	ttacttccaa	ttatgcgata	gttttagagt	60
aagtgccata	aggtgcccaag	acaaaatttt	gtattttgtt	gttttgggaa	ggagagttct	120
gtagacatct	atcaggtcca	cagt				144

<210> 34583

<211> 324

<212> DNA

<213> Homo sapiens

<400> 34583

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gcgcaaccct	aggaactctc	ggcaaaaaaa	agagcatgag	gaatttgaag	actgagagat	120
gagttgtgta	gcaccaacat	tttctttctg	cctgaccttc	atacctgatg	aattaaaagg	180
gcaataatta	aggtggaatt	tgcttcacat	gaagttttat	tatttttagtt	attaaaatag	240
tttccaacac	tactgagaag	caaaaagcaa	ttctcgttgt	tttaagaaca	taggatgttt	300
ggaagagtga	gataagggac	tgat				324

<210> 34584

<211> 138

<212> DNA

<213> Homo sapiens

<400> 34584

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gagaggactt	tacatgaaat	cagtatgaaa	atagtttttt	agatacccag	aagcttgttc	120
tgggagaagc	tagggcgg					138

<210> 34585

<211> 188

<212> DNA

<213> Homo sapiens

<400> 34585

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gaagacagca	ggcggtgggc	attcactgtg	ctggtkggga	agtctggttm	cattaagama	120
ggmattctag	caaagttatt	ctgtaaatac	aacagaatca	gytgcttttg	ttaaatatat	180
tggtgcag						188

<210> 34586

<211> 118

<212> DNA

<213> Homo sapiens

<400> 34586

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agtttaattc agattaccta attttaaaat gtttctgaaa aagtgaacag agttacct	118

<210> 34587

<211> 307

<212> DNA

<213> Homo sapiens

<400> 34587

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tcttgccact gctcactctt tgggtccaca mtgcttttat gagctgtaac actcaccgcg	120
aagggtccgca gcttcactsc tgaagccagc gagaccacga gcctactggg aggaacgaac	180
aactcccgac gcgcgcctt aagagctgta acactcaccg cgaaggctctg cagcttcact	240
cctgagccag cgagaccacg aaccaccag aaggaaaaaa ctccgracac atctgaacat	300
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<210> 34588

<211> 290

<212> DNA

<213> Homo sapiens

<400> 34588

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ctgagatcta aattttttcc atttggtatt atttcccttc agcctgaaga actttctcta	120
ttgtttatta tagggtagggt ctgctggtga ttaactttct tagctttcat ttagccgaaa	180
acttcttgaa tttgccttca ttttggttgc gagtatgtag tattctagggt tgacagcttc	240
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<210> 34589

<211> 379

<212> DNA

<213> Homo sapiens

<400> 34589

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tctaaaatat tttctactgg cttcaaccag ttgtcacagc atgtctgcaa tggaagtgtt	180
tttcttacat aaaaattatt cagcacactt attctgaggg aactataacc tctggaaaaa	240
caacagtttc taaatgaggg cattcttagt cactatgact gttgctactt tctgtagtat	300
tatcacaaat tttaatagaa ttgcatgtta cttgcaaaat tatttcagta tgaaaaatga	360
tcttacaatt aagtgttaa	379

<210> 34590

<211> 363

<212> DNA

<213> Homo sapiens

<400> 34590

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atgctagtca wngccctaag aacaatttca gatgttcatt taaatttatt aaattgtagc	120
aaataatart grhagtcacc atrrtttaac atccaccatg agtatatctt gaaaagacag	180

actaattcat cagctacaac rgcaggcata aactgggatt gtcctgggca acaaacttgc 240
 cttgtgggtca ccctacttaa tggccatttg ttactagatt ttgtcattta gactcataca 300
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<210> 34591

<211> 440

<212> DNA

<213> Homo sapiens

<400> 34591

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 ccgatcttgt tcttctccag gttnagacacc taatttgcac atcaggactg ccatggacca 180
 tgggtgcaatg aaggtgaaga ctggagcact catcaccac ggggtctcact ttgttgccca 240
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 agcttcctgc ctcaacttcc caagtagctg agaccacagg catgctccat gacacctgaa 360
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<210> 34592

<211> 345

<212> DNA

<213> Homo sapiens

<400> 34592

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 dggccttatg ccagakagga tagaaagccc aacagaaaact caagatagaa gatggagaat 180
 ctgcgagtgt ctgtctcctg tcaagcttcc ctaatacggc cctggtagaa cttcatcaac 240
 agtgggaaggc atttgcaaag gtgawcccaa accagcacc ctttccacac agdhwgtcca 300
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<210> 34593

<211> 163

<212> DNA

<213> Homo sapiens

<400> 34593

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 ggcgctcagg cctgggaccc ggccgcccgc ccgctgcctc acctgyaagg aggggcctcc 120
 cagaaactcc cttccccagt gccagccgc yccacccgc cac 163

<210> 34594

<211> 181

<212> DNA

<213> Homo sapiens

<400> 34594

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 aaatcctccc tgaaagatga atatcagtac agtttttggg atctgtttcg ttcaaaagac 120
 aacatgcgga cccgaataat gataggacta acactagtat tttttgtaca aatcactggc 180
 c 181

<210> 34595
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 34595
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 cgcgcasctc tgcagcttac tcctgcttcg gaaggcggcg aggttccacc cccaccaccc 180
 cgggtccccgc cgccctcttc gcgctgaagc tgcggagggt ctttttcttc agccccaaa 240
 tcctctgctc tgtggcttaa gattcccagg cttaaaccac taactgctag ggtcatcact 300
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<210> 34596
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 34596
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 attagctatt tatactgggc tctacctsca accctcaccc cccaa 105

<210> 34597
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 34597
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 gagagaaaat aattgcaaat atccacttag aggcaaagaa caatttttta ttatcaaaaa 180
 ggttttctgca cattgtttgtg gcaatattgt atctgtttag aaaatgggct tt 232

<210> 34598
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 34598
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 aagtacagca tcaaaaactt ggtgatgtga aggtggaaca gcagaaagga ttgacaatcc 180
 agaagaaaac tcaagtgaat ttccagtcac ctttaaggaa gaaagtaaat ttgaattgtc 240
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 tgggccaaagt cagagaaggt gaagctgtgg baggtgtcag tggcggaccg gcgctccctc 360
 ctggagccct tt 372

<210> 34599
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 34599
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001220"066E1550

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ccctacccag gatctccacc ctggggacag tagaaggga aagccttcat cttggcgaac 240
ggccccacca cccgc 256

<210> 34600
<211> 253
<212> DNA
<213> Homo sapiens

<400> 34600
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agtgcagccc tca 253

<210> 34601
<211> 320
<212> DNA
<213> Homo sapiens

<400> 34601
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attccttact gcgttttagaa ggctcactta gagcagatca gcagtggcaa atcagtaggt 180
gattcaaaag actctcaagc tataatttac atcttaggaa aagcctgaat aggtagctct 240
catttttcac aaaatttttt cttacctgtc gataataata ttaacaatga atctgcctgt 300
tcaagatggc tgacagagca 320

<210> 34602
<211> 105
<212> DNA
<213> Homo sapiens

<400> 34602
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acaacgaacc cactgggaga aacaaacaac tccagacgca cctcc 105

<210> 34603
<211> 359
<212> DNA
<213> Homo sapiens

<400> 34603
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agcggccctg tagtggtgag ggcgaaactc tggccccaga taggaccggg aactagatca 120
aacctasctg gattcttgag aaccattcat gtgaattatt tggaactgga atttcacaca 180
gacccgggga atttctcaaa gttcaagacg ggtcatattc cgtggaatac ggaaggagtt 240
ggagtgattt cacttttctg atcaagaact gatagccatt aaaactcagc tccgcaatat 300
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<210> 34604
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004220" 666E7560

<212> DNA

<213> Homo sapiens

<400> 34604

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<210> 34605

<211> 364

<212> DNA

<213> Homo sapiens

<400> 34605

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tggcactttt ctataacvtt ttcattcctg tgtacagtag cttaaaattg cagtgattga	180
gcataacctt cttgtttgta taaattattg aaatccattt gcaccctgtt aagaatggac	240
ttaaaagtac tgctggacag gcatgtgtgc tcaaagtaca ttgattgctc aaatataagg	300
aaatggccca atgaacgtgg ttgtgggagg ggaaagaggr aacagagcta gtcagatgtg	360
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<210> 34606

<211> 198

<212> DNA

<213> Homo sapiens

<400> 34606

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gaggtgagtc tcggaactca attctttctg ttattttggc tagacncttt ggaagtagtg	180
tgctatagaa aggcctat	198

<210> 34607

<211> 302

<212> DNA

<213> Homo sapiens

<400> 34607

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ctagtctcta gaatggatgt tgaaatcttt gcctcctcag tcgggaagag tcctgctaaa	180
aatcaggcta aaaatcaggc caaaaatcag gccaaatgac ttggcaaata attgacaaag	240
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<211> 124

<212> DNA

<213> Homo sapiens

<400> 34608

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gaac

124

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<210> 34610
 <211> 73
 <212> DNA
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<400> 34610
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 ccctgggtgtg tga 73

<210> 34611
 <211> 169
 <212> DNA
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<400> 34611
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 ccagggttag tgacaagtcc tttcctgccc ttcccaacac ccagcccta 169

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 <211> 448
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<400> 34612
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 acttctaagt gtttcgtgta tacgcatcca ctgggtcctt cagccacccc aggaggttg 180
 caccgttggt atccctgttt ctagaggagg aaatgtgggc aggttcagag agaggataag 240
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 gccccagcat ctacactctt gactacctcg ccagcctgcc ccagcagcag gtgttacggg 360
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 gccataatca ggatcataag cttcgtta 448

<210> 34613
 <211> 102
 <212> DNA
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<400> 34613
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<211> 250
<212> DNA
<213> Homo sapiens

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gkccgttcaa ctaccagcaa aggctaaaga gaggtggag cccccaggac agccagaacg 180
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<210> 34615
<211> 168
<212> DNA
<213> Homo sapiens

<400> 34615
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<210> 34616
<211> 364
<212> DNA
<213> Homo sapiens

<400> 34616
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gcctcacgrg tagctgggac tacaagcctg cgccaccaca cctggctaatt ttggtattt 180
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<211> 318
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<400> 34617
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gccccgtgc gagcggcacc cctgcctgct cctccacaga attgggttcc aagggtgtt 180
ccagacaact gccaacgtca ctgagggcc tggccagcg gccctggccc caggctctat 240
taacctaaaa tgtagctccc tagcgctaac ctaggaaccg ccgctgcctg ctggggggcc 300
acgccccca tgccaca 318

<210> 34618
<211> 409
<212> DNA
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<400> 34618

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awgggagrag	tctttgttgg	cctagctgat	gttcctgtgg	tacaggaagc	atgctaaccg	180
aggccaagtt	tatcatctta	ctgaagtggc	aagtccataa	agccccaag	tttttatttt	240
ccaggttata	tattgagcca	agaatcttag	gtgactgtta	ttagaagcat	ttatagaccc	300
tgttttgttg	aattgcttca	gagactactc	ccatccgtag	tggaacttad	agtaattttg	360
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<210> 34619

<211> 180

<212> DNA

<213> Homo sapiens

<400> 34619

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<210> 34620

<211> 452

<212> DNA

<213> Homo sapiens

<400> 34620

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tttgaggttt	ttaaaagcgt	cgcggggtaa	agtcagtgtt	gtgcttttcc	ttttctcagc	180
aggggtgacc	ctggagatca	ttaccaaaat	ttaaaaattt	caccactggg	cacacatgtt	240
acccttctcg	tgatggcatg	gcaaagcttg	atttgcaaga	gtttcttttg	gattgtcccc	300
agtgattccc	tttaaaaaata	ggagctcctt	caagctcctg	tatcagcagt	gcttgccact	360
cataggtgat	gatcatgagg	gggacaagga	gcctctagac	ttaagagaca	agttgccagc	420
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<210> 34621

<211> 259

<212> DNA

<213> Homo sapiens

<400> 34621

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gtacagtggg	atggccaacc	acatgtggaa	actaaatcat	tccctccac	ataaagggtta	180
tccttgcaaa	atgtgaactc	caaggtaccg	aagagcatct	ttccctcgca	ccatctgctg	240
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<210> 34622

<211> 59

<212> DNA

<213> Homo sapiens

<400> 34622

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<210> 34623

<211> 57

<212> DNA

<213> Homo sapiens

<400> 34623

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<210> 34624

<211> 221

<212> DNA

<213> Homo sapiens

<400> 34624

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tggtgragr agrttttaag gacggmggac cgcatsggcg cgaattgagc tctgggcccc 180
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<210> 34625

<211> 284

<212> DNA

<213> Homo sapiens

<400> 34625

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ttcctcttac tcgacccagt ctttgtaaag aatgggaggc agctgtcaga agaaaaaact 120
ttaaaccas caagtatagc agtatttggt cagagcactt tactccagac tgctttaaga 180
gagagtgcaa caacaagtta ctgaaagaga atgctgtgcc cacaatattt ctttgtactg 240
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<210> 34626

<211> 163

<212> DNA

<213> Homo sapiens

<400> 34626

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agaatcgctt gaacctagga ggtggagatt gcattcaact gagatcatat cacttcattc 120
cagcctgggt gacagagcaa gactctgtct caaaaaaaaa aaa 163

<210> 34627

<211> 90

<212> DNA

<213> Homo sapiens

<400> 34627

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gtcgcccagg ctgvagtga atsgcacgat 90

<210> 34628

<211> 92

<212> DNA

<213> Homo sapiens

<400> 34628
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<210> 34629
 <211> 474
 <212> DNA
 <213> Homo sapiens

<400> 34629
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 ctggcgggtca cggtgcgkct cattgccggc aatggaagtg tgccgggaaa tcccaactcc 180
 cggcgtcaag ggattaaaag caataaaaac aataatttca ctaaaattct tttgtgtaac 240
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 agactctacg gagttggcag cacagatgaa tgaaagtgtt gacgtcatgg atgtcatcgc 360
 tatttgctgt ccaaagtaca angatcgacc acaaattgca agagtagtgc agaaaaccag 420
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<210> 34630
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 34630
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 ggcacatctt ggsctgkgct cgcctgagca tccgcccggg cctgagcgag gctgtgctgc 180
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<210> 34631
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 34631
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 agaaggcagt aatacctgac agaraatact taatatttta tacaataaac atttaatgtg 180
 ttaaacttgt gccaa 195

<210> 34632
 <211> 84
 <212> DNA
 <213> Homo sapiens

<400> 34632
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 attattcttc tgtagttagc aaac 84

<210> 34633
 <211> 226
 <212> DNA

<213> Homo sapiens

<400> 34633

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tggctgtgga	ccaccvtagc	acggccacct	ctcagggcma	ctggcaggcc	ttcctgagtt	180
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<210> 34634

<211> 371

<212> DNA

<213> Homo sapiens

<400> 34634

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aataatctgg	tggttatgac	ttgacacata	caaaaaatgt	tagtggttgc	agtccatctg	180
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ttgcctaggc	tggaatgcag	tggcatgata	tctgctcact	gcaaactctg	cctcctggat	300
tcaagcaatt	ctcctgcctc	agcctcctga	gtagctggga	ttacaggcat	gcaccatcat	360
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<210> 34635

<211> 125

<212> DNA

<213> Homo sapiens

<400> 34635

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<210> 34636

<211> 117

<212> DNA

<213> Homo sapiens

<400> 34636

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cccagttgtg	cagccaccat	cacagtcaat	tttaaaacat	tttcatcacc	ccaaacc	117

<210> 34637

<211> 451

<212> DNA

<213> Homo sapiens

<400> 34637

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ttgaataatt	gtagagactg	gaaaatctca	aattgatatc	cttatataaa	atcctgcctc	180
agctcattag	ttcagaaaag	aatccaaaag	ttcagttctc	tgagttgctt	caacacataa	240
gtatattagt	tttatgaaag	atTTTTTTTT	tatttcataa	aaccttaata	cttctgccag	300
aatcagaagt	gcattgtgct	ctggtacaat	ttacatgaac	tttggttccc	accacctggt	360
agctgcgcag	gttttgccaa	ttaagctctt	tgagactcag	ctcttaaatt	caattataag	420

accagaatct tgctgttttt tctatacatc c

451

<210> 34638

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<212> DNA

<213> Homo sapiens

<400> 34638

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cagcacctcc	atcccccgtc	cagtctcagt	caccgtctac	aaactggtca	ccagctgtac	180
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aaggaggtgg	aaagaaaaag	aagaaaaaga	aggacaagaa	acacaaaaag	gataagaagc	300
acaagaagca	caaaaaacac	aagaaggaaa	aggctgtggc	tcagctgtct	gcagctgtctg	360
tgaccctctg	agccattgca	gctgccacaa	ccacattagc	acaggaagag	ccagtggcag	420
cgagagccg	aagaaggaga	ctgaaagtga	agct			454

<210> 34639

<211> 339

<212> DNA

<213> Homo sapiens

<400> 34639

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gcttgtcaca	gtctctactg	ttattatgca	ttacctggga	atttatatwa	agccyttaat	180
aataatgcc	atgaacatct	catgtgtgct	cacaatgttc	tggcactatt	ataagtgtct	240
cacaggtttt	atgtgttctt	cgtaacttta	tggagtaggt	accattttgtg	tctctttatt	300
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<210> 34640

<211> 212

<212> DNA

<213> Homo sapiens

<400> 34640

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gcgggagcgt	ggggtggagt	aggatggagt	ctccctcccg	agctgggggt	gtgggcctag	120
gaaaggctgc	ttcgccgctg	tgttcggaga	gctctggata	ctgcggggct	tttccgcgga	180
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<210> 34641

<211> 492

<212> DNA

<213> Homo sapiens

<400> 34641

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gcattttta	tactgtggg	aggcatcctg	accacggaca	tccataacag	caaagcacaa	180
nmcgttttgc	tctgtagtca	tatcctgaaa	cataggtgga	caaattttta	actgagagac	240
aaaaatcaca	tagttgaatt	gagcagaaca	cttaagtgtc	ttctgcatct	atttaggagt	300
ctattttctta	ccaataaact	tgacaacgnn	tttggaacac	tagtgaacac	cttacagctt	360
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tttattcttt agtaatctca ctactggcta tgtcagcaat atctttttca atctggttcc 480
 ttttgtatat ga 492

<210> 34642
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 34642
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 aagacttgat tcctaaaaat catatcagaa cacctgccag caccaaatac attcatgcta 120
 acttctcatc tggagtaggt accacagcag cttccagtaa aaatgcattt cctttgggtg 180
 ctccaactct tgtaacttca caggcaacaa cgttatctac gttccagccc gctaataaac 240
 ttaataagaa tgttccaaca aatgtacgtt cttctttccc agtttctcta cccttagctt 300
 atcctcaccg mtc 313

<210> 34643
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 34643
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 acagtacatg aacctatrrr taaaccattc atgcttccca gtttggcaga tgtgagcaaa 120
 ctatgtwawa ggaatyccaa aggtaacttt ttcctttcat tactttacag aaatactgtc 180
 aagtccaata gagagcacag acttgggagg cggattgggt gggtttgaat ctctgctctg 240
 ccac 244

<210> 34644
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 34644
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 gcaggctcgg agcgccgcca gcgcatgcgk awttggggat ctgaggccag cgtcttgccg 180
 cgccaat 187

<210> 34645
 <211> 249
 <212> DNA
 <213> Homo sapiens

<400> 34645
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 caccamcatw awtctagawa tataggtaat gtgtaattat aatatatatg tactatataa 180
 tataggatat ttataaccacc caaaaagttt tctcttgctt tttatagtca ttccccaaac 240
 cccacgtcc 249

<210> 34646
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 <212> DNA

<213> Homo sapiens

<400> 34646

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tttgatgcat taaaagaaaa taaaaaaaag aaaaaagaga aaagaaaaaa aaagaaaaaa	120
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<210> 34647

<211> 225

<212> DNA

<213> Homo sapiens

<400> 34647

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gagggaattt aaaagtcata tcagccaccc ctgccaaatt ttacagataa aaaaactgag	120
acctgaaaat tcaagtgcact tatcagaata aacagctaaa ttggtgatag tgttgatctg	180
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<210> 34648

<211> 154

<212> DNA

<213> Homo sapiens

<400> 34648

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acactattca caaactaaaa tctaataaaa aaccacagtt gtaatttaaa ctgcttgata	120
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<210> 34649

<211> 379

<212> DNA

<213> Homo sapiens

<400> 34649

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tcacytcccc aagtcctctg tctctatatt caaccacct tcaagaccta tcttcaattg	180
tataatttcc agaaagactt tggggatact gacactaaat ttttttctca tttttgaatc	240
tctaccatgc ttaataaaac attattacca cgctatttac tttcatgtgc agatccttga	300
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<210> 34650

<211> 144

<212> DNA

<213> Homo sapiens

<400> 34650

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ataatkcaa agagacctgg agcc	144

<210> 34651

<211> 156

<212> DNA

<213> Homo sapiens

<400> 34651

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tagccagaca tgggactgga ggacgagcaa aagatgctta ccgaatccgg agatcctgag	120
gaggaggaag aggaagagga ggaattagtg gatccc	156

<210> 34652

<211> 403

<212> DNA

<213> Homo sapiens

<400> 34652

ctagacggca tcttccaata gaaggatgtt tcatctgcat tgaaaagtct gtttttcagt	60
gtagccacct tcatcattat cttagataga tattatggat aacttgctga agcctccata	120
tcagcacttg ctgcttcacc ttgcactttt atgttatgga aacagcatcn ttccttgaat	180
tcatgaacc aacctctgct agcttcagac ttttctctg caacttcctc acctttctca	240
acctttatag gattgaagag agttaggtat taggatctgg attaggtttt ggtttaaggg	300
aatgttggtg ctggtttgat cktttatcca gaccactgaa acnttctctg tataaatgat	360
aagactgtkt tgcnttckta aacattgtgt gtcattggcg cgc	403

<210> 34653

<211> 71

<212> DNA

<213> Homo sapiens

<400> 34653

ttagacaaga ggtatgchag tagcacactg gtggcttcag aagaaattct caacacctag	60
ctcgccagag a	71

<210> 34654

<211> 87

<212> DNA

<213> Homo sapiens

<400> 34654

cattaaggcc tcagttcaaa catggcatcc taaagaaagc tgtctctgat caccttagct	60
cacacacacc cctnatgcta ctctttt	87

<210> 34655

<211> 81

<212> DNA

<213> Homo sapiens

<400> 34655

ctgatttcat cragttcgac acwggtaacc tgtgwatggt gactggakgt gckaacctag	60
gaagaatkgy tgtgatcacc a	81

<210> 34656

<211> 319

<212> DNA

<213> Homo sapiens

<400> 34656

aatctcgtgg	cggcttattg	ttattgccct	gatacaaagt	tccatcttcc	tcatttgcct	60
gggaccaata	tgtctgagct	ccctcctcct	ggacaggaaa	gtaactacct	agtcattctg	120
gggacccaaa	gaccttgcta	ccaagtgggt	ctcctaacta	ccactgagct	ggctagacaa	180
aaaactttct	gggtgatggg	agccttgagg	tttggctagg	gtcaccctcc	catgaccag	240
cataggattg	gctggaggct	gaggcagatg	gatagactgg	ggaaattcag	ggctgatgag	300
aaggaagcca	ctggccctc					319

<210> 34657

<211> 122

<212> DNA

<213> Homo sapiens

<400> 34657

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ccctgggtgtg	tgatgttccc	cgtcctgtgt	ccaagtgttc	tcattgttca	gttcccaccc	120
ta						122

<210> 34658

<211> 261

<212> DNA

<213> Homo sapiens

<400> 34658

caatacttag	ctgctaatta	cactccatgt	ttccaggaat	atagctctga	taaattcaca	60
tccttgccaa	aaattctaca	aaggctcctc	atctcctaca	agatagtcca	atctcctgcc	120
taagacatgt	caacttcttg	cctctatctc	cttccccaac	cttcgctctg	gctctccaat	180
tgtgtattct	atcttcttga	tgattttacac	gtttcccttg	gttcccaggc	ctgattatac	240
tctgtccagc	ctctgcccac	t				261

<210> 34659

<211> 252

<212> DNA

<213> Homo sapiens

<400> 34659

tatgttaatt	atcaaaaactg	cagtgtctca	ctgtgtaacc	atcttctgagg	cacctgtaaa	60
taatatctga	tgttacagag	atgatcccag	aaaaagcctt	cagtgaagga	aaaaacttaa	120
aacttactat	acacgtagcc	ytcatcaaat	ttgtttcccc	aaatgtagat	atgagagaaa	180
gtgagatttg	ttttcattga	ttgtgaaagt	gcaacaagtc	cttctccctc	tatgttggtg	240
ctgactactg	ac					252

<210> 34660

<211> 407

<212> DNA

<213> Homo sapiens

<400> 34660

ctgcttcata	tttttcttat	gctctcacac	cagtctttct	tttgcccctc	tttctgattc	60
caggggtata	gttcacaaaa	atttcactgt	ataatctggt	ctcaccatct	gtttgtgtgc	120
ctaccatttt	gaaattatat	caggaattga	atgctgtaat	aaaactgtaa	acattttacat	180
gatttccttc	acaatatatg	ctgagtatag	ttttgtcaga	tgcccaagtt	atactaggaa	240
agagctaaat	tcattcaagt	tttttttctg	attttttaat	tgtaaaatac	acatctcatm	300
tytaaatgta	cagttcaata	ttattaaata	cattcataac	gttgtgcacc	cattaccacc	360

atccatctcc aaaagtcttt tcatcttgta aaactgaact caaccca 407

<210> 34661
<211> 89
<212> DNA
<213> Homo sapiens

<400> 34661
tagattttac tgcatagagc catagtggac aggagataag aggctggaga catcgaaaca 60
tcaactttct tctttctatt ccgcctccc 89

<210> 34662
<211> 171
<212> DNA
<213> Homo sapiens

<400> 34662
tttgttattg caatgaaaag gtggcatcag gcagggctga gatacttggg ccattcttgt 60
ccccaggct ggctctgtct ccggtccaat cttcagggga gattagaatg tggcggctga 120
ccctgtctgt gragccttag ggaagctgtg atggctgaat caggaccaca t 171

<210> 34663
<211> 257
<212> DNA
<213> Homo sapiens

<400> 34663
cactcagcct taaatgttat aatatTTTTg gataacgggt attaatctt tgagaccttc 60
gtatagccta taaaatgtat gggagatgtt ggtattttat gtgtataaaa gcaacaatat 120
cagcaacttt cgggtttata ctgcaccttg gttgttgatg tcaagtaaaa aaaagattgt 180
tttgtaacac ataaaaaaat ggaagaaact gataccacac ctaaggacca aagataagaa 240
agactttttg cccaacc 257

<210> 34664
<211> 476
<212> DNA
<213> Homo sapiens

<400> 34664
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aagttgtgca aatgacaatt cattctcaca gatctcagca tgcacctcct aagaatacga 120
acattctcta gtttaaccat aataactwat gggcatcccc takgaaaaat aataatttca 180
taacatttaa ttgccatat tgaaatttct ccagttgtac caaaattatc ttatcaactt 240
tttttttggtg caaaccagaa tccaaccaag agttatgtat tacacttgat ttttataatct 300
ttttggtata ttttaatctg gacaagtttc tccatcattt tatgtttttc caaactactt 360
ttaatggatt tatatgaacg tatgtgagtg tgtgtgaatt tatgtgaatg tatgtgtgtt 420
tgcacacaca gagatgcaac aaaaacaggt ctgaagamsa gatttatgct gtgagt 476

<210> 34665
<211> 112
<212> DNA
<213> Homo sapiens

<400> 34665

gtgacccgga caccagggcat acgctagggg cagtcagctg tgccttctct ttcggagttg 60
ttccgtgctc ccacgtgctt ccccttctcc actggctggg atcccccgga ca 112

<210> 34666
<211> 150
<212> DNA
<213> Homo sapiens

<400> 34666
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ttgtaagtga cctgtatatg tgtgtgtaca tggatgtgga cattgctggg aggctgacat 120
aggccccata gctaataaaag ggtgaaggctk 150

<210> 34667
<211> 466
<212> DNA
<213> Homo sapiens

<400> 34667
ccagtgatct gtaatttgta gctcttctct ctgatccaag gactttccca tgggtgctct 60
tgatggttta gtggatcgac tcaactcaga acacaagctt ggaaagtgtt aggggttttg 120
aactaggtgg atactaaatc tcggccccc hcttctcattg gcttaaccta aaaaccagag 180
gtgcttttcc ttgtctgtgt gccagttgct ggctgtttta tttgcttgcc cttcattttg 240
ctactgattt tccttaattt gtgggaagga gtaggcaaag aatatgctta catgagtaya 300
cctgtaaagt aagcccarac atcmbaaatg tccatcaact gatgagtgga ttaataaaat 360
gtttccatgg aatattcctt ggattactca gccataaaaa ggaatgaagt actgacacat 420
gctgtgacat cagtgaacct tgaaaacatc cttctcagt aaacaa 466

<210> 34668
<211> 209
<212> DNA
<213> Homo sapiens

<400> 34668
ttattattat tattatttta aaaaagattg catttagctg ttgattcaaa ttaggaagta 60
agtttctctg ttgactggtc actgatcttt ttgggcagt catgcttcag aaggagctct 120
ttcccatattg tttaggaggt gstgawtaa ttttgaatag aactcataat atagcctgca 180
aaaattggtg gtttttggtg gaagagtca 209

<210> 34669
<211> 273
<212> DNA
<213> Homo sapiens

<400> 34669
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ccggcgggcg aggctgacct cctaggacgc ttcacgtgct ccgtgtgctt agagggtgtac 120
gagaagcccg tacaanssc ctscggacac gtcttttctg ctgcatgcct gcaggaatgt 180
ctgaagccga agaagcctgt ctgtgggtg tgcgcagcg ctctggcacc tggcgtccga 240
gccgtggagc tcgagcggca gatcgagagc aca 273

<210> 34670
<211> 317
<212> DNA

<213> Homo sapiens

<400> 34670

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ctcgcggggtc cgggagcgcg gcggagacga tgcctgagat cagagtcacg cccttggggg    60
ccggccagga cgtggggccga agctgcatcc tggctcccat tgcgggcaag aatgtcatgc    120
tggaactgtgg ratgcacatg ggcttcaatg acgaccgacg ctccctgac ttctcctaca    180
tcacccagaa cggchgccta acagacttcc tggactgtgt gatcattagc cacttccacc    240
tggaactgt cggggcactc ccctacttca gcgagatggt gggctacgac ggccccatct    300
acatgactca cccctar                                     317
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<210> 34671

<211> 275

<212> DNA

<213> Homo sapiens

<400> 34671

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aatggtgagc aaccatgtgg ttaaatgtga agattggaga gctatctaag acttaaaggg    60
ggtgtgcctg tccaggtact ttgctacaaa tacatgcgtt ttcaactatg ctggttaaag    120
cctgagcatt agaaagraaa attggatcta aaggctgaag gccacaggcc aggcccttgc    180
aacctctttg ggagctctga aaagcttttt accctctctg ggcctctgtt ttctcccag    240
ctaaaggaaa gaaagaatgc ctgctttttg gtgac                                     275
```

<210> 34672

<211> 228

<212> DNA

<213> Homo sapiens

<400> 34672

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cacacatctg ttttttttta ggtttggtaa gtggagaaaa tggctcctaa gtgaggaggc    60
agctgtgaag tcaaagggtc ttagtttttg atttagagag agctagggtt gcctcctcag    120
tttgvttctag gtttgagcct cagtttccct atctgtaaaa ggagggtttt tttgtttttg    180
tttttgtttt tttttaaata agattaacgt aaggattaaa ccagatac                 228
```

<210> 34673

<211> 194

<212> DNA

<213> Homo sapiens

<400> 34673

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ctcagtatta agatcaaacc tacttttatc tatatccttt tcattccttc cctttatgcc    60
actatgctcc agccaaacat aattattaat tccagaaata ttccatgtaa tatttggtgt    120
tttggctatg attttgcttg agccttgaat gttcctaacc gtaacctctg tatatccaga    180
acttaagacc ccgc                                     194
```

<210> 34674

<211> 452

<212> DNA

<213> Homo sapiens

<400> 34674

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ttattaacta tagtcattct actgcgctgt caaacactag aacttattcc acctaaactgt    60
atttttgcac caagctttct tcattcctcc ctccccacta gcctctgata tccaccattc    120
tactcactac cttcaagata ttaawttycs ttagcttyca catatgatat ttgtcttgct    180
ttgctgact tatttcactt aacagaatgt cctccagttt catccatgta gttgcaagtg    240
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acatacatTTt attcttatcc tgtaaagatg actgagaaaa gcatgatttg caattacaaa 300
gacttggtggg aggcagattt ctaagatagc ctcaaggttt cccaatccta gtgtacacag 360
gctatataat ttcttcccag tcctactgta ctcagctsmT ataatctctt tcccttcagc 420
atggttgagg gctgtcaatg ggaaggata tt 452

<210> 34675
<211> 250
<212> DNA
<213> Homo sapiens

<400> 34675
tagaaactga ggagtccagg gagtacaccg aggatgggca ggtgaagaag gagacgaggt 60
attcctacaa cactgaatgg aggtcagaaa tcatcaacag caaaaacttc gaccgagaga 120
ttggccacaa aaaaccccag tgccatggca gtggagtcac tcatggcaac agcccccttt 180
gtccaaattg gcagggtttt cctctcgtca ggcctcatcg acaaagtcga caacttcaag 240
tccctgagcc 250

<210> 34676
<211> 79
<212> DNA
<213> Homo sapiens

<400> 34676
aaacttttta ataatccgag gagggaggaa agckctcggt cccctcggct ccggggggcgc 60
gccccgtca sccccamcc 79

<210> 34677
<211> 218
<212> DNA
<213> Homo sapiens

<400> 34677
taagattcgg actggggcca tcaaataatc ctgcttgagt gattctacct tgtttctaag 60
tagtcattgc ctgcagagtt ttgatgaaac atctaataga gaaattgtgg agaggatatca 120
tatgtaattg acagaatata attggttgta ctgaaatata ttccttatgc taaaagaatg 180
aaaacattga tgcattcccag atttgtgggc ctttcggt 218

<210> 34678
<211> 197
<212> DNA
<213> Homo sapiens

<400> 34678
tatttaatta ttagtgaaaa gcaccatttt gagaggtttt ttgtgtttgt ttgagactga 60
gtctcgtctt tctactgcc atgctggagt gcagtggcgt gatctccact cactgcagcc 120
tccacctcct aggtttaagc aawtctyagc cttcctgagt ggctgaaatt acggggcgtgt 180
gccaccatgc ccagctc 197

<210> 34679
<211> 90
<212> DNA
<213> Homo sapiens

<400> 34679

agttcactgc tgcattgtgt ttggrattta tcaccttaag aaagtgtctc tgttttatat 60
 agaaacactt tctcacttac aggggagaaa 90

<210> 34680
 <211> 218
 <212> DNA
 <213> Homo sapiens

<400> 34680
 caagcacaat ttagactagg gttgaaccac tcattgttca aatcattggt gggctccaat 60
 gtaaaatata actacatcag tccacaagca acattaagga aatctaaagg aaatggaatt 120
 tgacttttta gagtataatg atggttyctag ggcataatga ggaaaatttt taaaaaatag 180
 attataatga tacatattgg tatcattaag acaacaga 218

<210> 34681
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 34681
 agcactaaac acagcaggca ctgtcgatgg tcccttgatt gcaccttggt ctagctctta 60
 gcttaggtac tccctgggct ttagcaagaa tagtggtgga aatattgtcg aatagaatgg 120
 tccaagcact agtcaatcca rggkkgatgc taagctgtaa aaagctgtgt gggctccctc 180
 atgtttattg gatgaactgc aagcttggtc acggggccata aacagagcta gcttcgggtc 240
 ttgtaggcag gaacaacatt gtattttatat ttgtaaccgc aatgctgggg cttagtaggt 300
 agcggcaaat gtttggttaga tgatttgctc ttattaataa ttgaactttc tcatgatgcg 360
 nccccagcat gtatcttga 379

<210> 34682
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 34682
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 gcatgtcact caccagctat gcctgcagtt aaagcagata gaagcttggt acgcagactg 120
 gtttggtagg gaaaggcact atgacgcccg ggccagagtc ctcgtttgcc acatgacctc 180
 cctgctccaa gtgcccttgg aggagctgga tgtccttgaa gagatgttcc tggagagcct 240
 gaaggaaatc aaagaagagg aatctgaaat ggccgaggca tcccgaâaga agaaagaaaa 300
 ccggaggaaa 310

<210> 34683
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 34683
 acagcaattc tggacttact tggactcctg atgtcaattc tgttgtcata tgcattgaag 60
 cttcgcaatg acaggagatt aaacaaatgg gaggagaatt ccaggaaatg aaaaagtcac 120
 acgaagaaga gttatgttct acagccmaag cg 152

<210> 34684
 <211> 214
 <212> DNA

<213> Homo sapiens

<400> 34684

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aggagagagt cagtagaatt agaacctcca acaggaagag aagaaacttt ggcttgccca    60
tgggactagt aggagcccag tcagatctag tgtatcatgy ktaacagaaa aacctattgt    120
cacaggaaaa gaaaaggctg graaaacatc taagcaggga atgctgtggc cgatgaatag    180
gcatggtggg ggtccctca tgaggattcg gtgc                                214
```

<210> 34685

<211> 128

<212> DNA

<213> Homo sapiens

<400> 34685

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cgtttctaag tcaagtgctt agtgggtact ggggccagga ggagtcctct ggctgtgaga    60
ctcctacatg ttacctcttt gttctaggcc tcagctctgc ttctagcccc caaattctas    120
tcctcctc                                128
```

<210> 34686

<211> 200

<212> DNA

<213> Homo sapiens

<400> 34686

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aaaaataata taaagatacc attggggcag tggctcacgc ctgtaatctc agcactttgg    60
gaggctgagg tggaaggatc acttgaagcc agagtttgag accagcctgt gcaacacggc    120
aagaccccg tctacaaga acttaaaaaa ttagctggct gtggtgttgc tcaccgtag      180
ttccagctac tcgggaagcc                                200
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<210> 34687

<211> 88

<212> DNA

<213> Homo sapiens

<400> 34687

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cttcttgatc cykractggg ttasttgccg ctgttgctgc tcgtgttgaa tctagaaccg    60
tagccagaca tgggactgga ggacgagc                                88
```

<210> 34688

<211> 453

<212> DNA

<213> Homo sapiens

<400> 34688

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aaaatcagga aaactagagc ctcacaaatt ctgagacaag gactttatgc tctctactct    60
aagagatggg acattcacga tttacaacct gaaacacctc tgacagaata gcaggcatct    120
tgacgtaagg tcaaatagag agaacaccca catggactat gtcctaagtc aatcagataa    180
aggatctgaa aacaatacat gttaaggaaa aggcacgtcc caggccagcc tccagagtcc    240
accttaacaa gtggcatcaa tgggtcaagcc tgaagagcta ataagtataa attttaaata    300
catttgctcc tcaattagtt actaatgaat ggttctcatt agcagatgtt ccatdnatct    360
gaagcacact acctttatga gtgaaagctt tgggtaaaca acaggctgtg tgcattgatg    420
acatttatga cttccctca tctcctcctc cca                                453
```

<210> 34689

<211> 196

<212> DNA

<213> Homo sapiens

<400> 34689

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ctcctgcctc agcctccaga gtagctgaga ttacaggcgc ctgccaccat gcccggctaa    60
ttttattgta tttttagtag agacgggggtt tcaccatggt ggccaggctt gtctcgaact    120
cctgatcctc gtgatccacc tgcctcagcc tcccaaagtg ctgggattac aggcgtgagc    180
caccacgacc cgccat                                         196
```

<210> 34690

<211> 63

<212> DNA

<213> Homo sapiens

<400> 34690

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tattacagat aatctcagta cttttttaaa aactgaaatc atatcatatc aatcatcttc    60
tca                                                         63
```

<210> 34691

<211> 120

<212> DNA

<213> Homo sapiens

<400> 34691

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tatgcaaata gattattgat cttttcataa aggaaaataa aaatttcagg acccccaaata    60
ttgttatgct aaagggagag ttaagcttgg agactgagcc acacaacact ggcattcctt    120
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<210> 34692

<211> 128

<212> DNA

<213> Homo sapiens

<400> 34692

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gcgggcctct cccggagaag atggcggatc gcgcggagat gttttctctc tccaccttcc    60
actcgtgtgc gccgccgggc tgcaggcctc cccaggacat aagcctggaa gaatttgacg    120
acgaagat                                         128
```

<210> 34693

<211> 242

<212> DNA

<213> Homo sapiens

<400> 34693

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tttcataaaa taacttaaac gtttcccatg aaactttgac attggtgtct tcatcatcac    60
aggaccccat tttgggtctc ctaacagggtt tcagagctca tcatccttcc acatgactgt    120
gtcgtgagat gtattktcta gtcgttttta tcccaagcca caatgactaa tttattcagc    180
actaaaaatt aactttttta aagaaatctt tagaagattg tgtacaaaac tgtccagcac    240
tc                                                         242
```

<210> 34694

<211> 273

<212> DNA

<213> Homo sapiens

<400> 34694

ctatgaaagg	cacagatcaa	kgagcctgtc	cagtaacaga	tcaaggactg	catctaccgg	60
gactgaccgg	gtgagaratg	haaagcctgg	agggaaacga	raatacaava	crcggcattt	120
ggaggggtact	arcgartgrs	tcrgccatct	cgtgaatttg	sttctaaagc	aaaggggrcrg	180
tcrtrccar	aaatcttcat	caaaattgga	tggaaactac	aaaaatgvga	gtgatacctt	240
ttcagacagc	cgatcatcag	acagagagac	aga			273

<210> 34695

<211> 189

<212> DNA

<213> Homo sapiens

<400> 34695

atctattttt	cattgtggga	gagcccaggt	tgtcctgctt	atctgaaatt	aagcccaaatt	60
cctaaaattt	ctgaatacct	gctgtcagct	tcctgcaaac	gggccaggtt	gcctaaggaa	120
tgtcatgaga	gagctggmag	aggcagggga	caggacaggc	accagsaaac	accacttcac	180
catgcgagc						189

<210> 34696

<211> 159

<212> DNA

<213> Homo sapiens

<400> 34696

aaagaacatt	ccacgcagba	gggaaccgct	tgtgcaaagg	ccccaagact	gcaagaacat	60
cctgaagagg	gtagaagaga	ggtctgagcg	ggagtgcact	gctttggatg	ctcacraggg	120
agctggaaat	ggtggtggaa	ggcatgcaac	gagggcgga			159

<210> 34697

<211> 107

<212> DNA

<213> Homo sapiens

<400> 34697

cctgaactca	tatttaattct	ctactgccag	ggaaatgcta	cattattttt	ctaattggaa	60
gtataattag	agtgatgttg	gtagggtaga	aaaagaggga	gtcccct		107

<210> 34698

<211> 444

<212> DNA

<213> Homo sapiens

<400> 34698

atgggtccct	gagacttggc	gaagtaggag	ccctgtgtga	tcgtgcgtca	gagtcggggc	60
tgagaccagc	cctggccagg	gcagttacca	ggacgggtctc	cggaggccgg	gattcgcgga	120
gggtccarcc	agcaggaaga	aaccccagga	ggaagaaacc	tcagacagat	cgccggggag	180
gcagcgcggg	atcccagcct	caggcgtgcg	cggacgggtg	gcggagtcta	gctttgtacc	240
adgctgcagt	gcagtagtgc	catctcagct	cactgcaacc	tctgcctccc	gggttcaagc	300
gattgtcctg	cctcagcctc	ccgagtagct	gggattacag	ccacatgcca	ccacacccag	360
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<210> 34699

<211> 236

<212> DNA

<213> Homo sapiens

<400> 34699

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ggaacgggaa tggaaagccc agaaataaac tcttttatac atggtaagat gatttttagac	180
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<210> 34700

<211> 230

<212> DNA

<213> Homo sapiens

<400> 34700

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agcactttgg gaggsccaag gggggtggat cacctgaggt taggrgttca agaccagcct	180
ngctaacacg gtgaaacctt gtctctactc aaaatacaaa aaaaaaaaaa	230

<210> 34701

<211> 500

<212> DNA

<213> Homo sapiens

<400> 34701

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gctgaattat totaccacct agttatagtt tcaaaagccn agttaataac tctgacatag	180
aaattaaagc ttaaaccacg tgactccaag ctaagccttt tgcaggcttg agcctgcaaa	240
aggaggtttt taaagaccca cttagttcct tctggggagc ctcccctgca gatgtcncag	300
cttgctcacc tcagctatgg aagaagcccc tatactgaga caatctacag agccctggaa	360
agctggcaac ccacacgcag atgcagttaa gattaatata aaagggtatt gggahggtct	420
tactgaagat gaagttattg ttttgaggca gtttctagrc tttttaaata aaagttagat	480
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<210> 34702

<211> 119

<212> DNA

<213> Homo sapiens

<400> 34702

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acttctctc actctgggac agacgatgta tggaaactaa aaagaacatg cggcacaat	119

<210> 34703

<211> 121

<212> DNA

<213> Homo sapiens

<400> 34703

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121

<210> 34704
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 34704
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 tcttatatat ttcgagacta aagaacccag gat 153

<210> 34705
 <211> 475
 <212> DNA
 <213> Homo sapiens

<400> 34705
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 ggctccctct ctgatcaaca gttctagtag tcttctttgt cagtatatca acctacagct 180
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 agaagacatc cccgtgaaga ctttgaatat gaagactgtg tatgtttctg tgttaccac 420
 aacagcagac ttctagcatg tacttatcaa tgttggtcgg tcagcccttc cctaa 475

<210> 34706
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 <212> DNA
 <213> Homo sapiens

<400> 34706
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 gatactaatt caacccttgt gccctgggcaa gagcttccc agaagccacc aaaaaagatt 180
 tgtgttcctg taccaagata tctatcacag gacaggtctc cattgcaaga aaatctgaca 240
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<210> 34707
 <211> 57
 <212> DNA
 <213> Homo sapiens

<400> 34707
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<210> 34708
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 34708

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raaacgtwat agcttcakga tttagtatag acattgtcaa atcatcacc aaatataatt	180
acaaagtact ctaaaggaaa ggcacgtgat gctgtgaaaa cactcaactg ggaaaccgga	240
atcacctttg agaaactgtt tcaggggctc ttggaagagt ctactgctcc caaatatctc	300
tgctaccacac tggccattgc tttacattcc tcaactaagc tttcaccttt tagtactaac	360
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<210> 34709

<211> 275

<212> DNA

<213> Homo sapiens

<400> 34709

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agcssccggd vccccggcag tgagggcaat gcagagatgg gctgctgctg gctaccgcca	180
ggatgcctca gaagggcctg ggcttacttg gcatcttgctc aggagacttt tcccttcttg	240
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<210> 34710

<211> 298

<212> DNA

<213> Homo sapiens

<400> 34710

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acacattttt aaattaacaa aatatgaggt ttttctaatt gtctttttgc tattgatttc	180
aaactttatt gcattgtcct cagagactgt ggccgtgatg ataccacttc tctgaaatat	240
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<210> 34711

<211> 345

<212> DNA

<213> Homo sapiens

<400> 34711

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gagggtcaatg gttatgcctt gttaggtgctg tttgggaagt ctgcgtctct gggccttcct	180
gtatggtgtc ttgccattgt agttacctga ttctccctga tgtctgtccn agctggcctg	240
gctttgcact cagccctctc ctgctccttg agcctctcct cctaatacca tctttgcaca	300
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<210> 34712

<211> 174

<212> DNA

<213> Homo sapiens

<400> 34712

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cgacggctca gccagcacct tccgcgtcat gttcaaggag ccggtggagg tgctgcccac	120

cgacaactac acggcctgtg ccacgctcaa gggcccagac tcccactacg gcgt 174

<210> 34713
<211> 185
<212> DNA
<213> Homo sapiens

<400> 34713
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cccacctamc ybgycctggg gctgtygmgc ascataataa tcccgggaga atgattcccc 180
tccga 185

<210> 34714
<211> 420
<212> DNA
<213> Homo sapiens

<400> 34714
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agtgaawtg tcttgagaga gtatcagcat ttcacaaaacc tcagcaaadc aaactgaaga 180
agagcagcta aaaagtagaa cataagtaaa gatctggcat tcacaaaacc cccaaacagc 240
ctgtttcaag aacgtatatt gtgccaagc ctggctctgt aaagggccac tgggttcagg 300
aaagcagtca atggtgatct tgacaaaaat gatgtctgta gtgaggttgg aagtttgatg 360
cagtgaagtac aggtctaagt gtgttgccag gaaatcaaga ctgtgaatac aaaagctctt 420

<210> 34715
<211> 124
<212> DNA
<213> Homo sapiens

<400> 34715
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tttt 124

<210> 34716
<211> 78
<212> DNA
<213> Homo sapiens

<400> 34716
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ctttttcttt tttttttt 78

<210> 34717
<211> 123
<212> DNA
<213> Homo sapiens

<400> 34717
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ctc

123

<210> 34718

<211> 172

<212> DNA

<213> Homo sapiens

<400> 34718

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<210> 34719

<211> 226

<212> DNA

<213> Homo sapiens

<400> 34719

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caagctgagg gagttccctt ctattctatt tttgtgagag ctttatattt tttaaagtaa	120
caacaattct acacatctct tccagaaaat agaagtggag aaaatatttc ctaattcact	180
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<210> 34720

<211> 340

<212> DNA

<213> Homo sapiens

<400> 34720

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cagacaatat ttgctgatta aataagtga tcttgcactc caaaagaagg tcttcaaadc	180
tcaaaagcaa tatacatctg tagataaact tgtgaaggga acacattcct aactatcaag	240
tccttagtct gagcttctca gggtcactct gggaacttat cagattcaca aggaccgggc	300
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<210> 34721

<211> 200

<212> DNA

<213> Homo sapiens

<400> 34721

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ctgaatctaa agtgkggttc ctggtaaacr gcatatagtg ggatcgtgtt tcttatctgt	180
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<210> 34722

<211> 481

<212> DNA

<213> Homo sapiens

<400> 34722

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acaatatccc	agrccgrwta	gaataccttg	gacctaagca	accaggatga	ttgtgccttt	180
aagtgaaaga	gaagaacagg	aagaacagag	atgggggtctt	tctatgttgc	ccaggctggt	240
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gctccctcca	tcaggaaact	taagaccaac	tccatttgat	ctgatcagag	gacgtctata	360
aggaccaaca	cagtgtcaca	ttcaaaagca	tctttctccc	cctccaatca	accagtgtcc	420
tggggccttc	ttacctctgg	aatagaatcc	atgaaactga	aaatggttag	acaaatggag	480
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<210> 34723

<211> 436

<212> DNA

<213> Homo sapiens

<400> 34723

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cgccttggcc	tcccaaagtg	ctkggrakta	csaggcakgr	agccaccgcg	cccagctaata	180
ttttgtat	tkatnhnatt	tatttat	ttttttggga	gacggagtct	tgctctgtca	240
cccaggctgg	agtgcagttg	tgcatctctg	gtcactgca	acctcagcct	cccaagtagc	300
tgggattaca	ggcatgcacc	atcatgmnc	gctaattttt	gtatkttttag	tagagatggg	360
gtttcactgt	gttggccagg	ctgggtctkga	actcctgacc	tcagggtgatc	caccggcctc	420
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<210> 34724

<211> 383

<212> DNA

<213> Homo sapiens

<400> 34724

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acagagtata	aatatgctca	tttgaactct	gggagaagga	aagctgggtgc	gtattagctt	120
gccttaagt	gctagagact	gttttgggtgt	gaatckgtgt	aaaatttgaa	gaagataata	180
ttgtatgttt	tactagagta	aaaacttaat	tttagtgcag	agtggctatt	ggggtgataa	240
ggaagaatat	tgtatttttc	cataggtccc	nagggttttt	gagacaactt	gagtgtcaga	300
taaggtaact	gggatcatta	ggaggcttaa	taatcatttt	agggtttgtg	tgtgttaaag	360
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<210> 34725

<211> 473

<212> DNA

<213> Homo sapiens

<400> 34725

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ctgcacaggt	tcatgccc	aaagcgctcc	tgatctaagt	ggtacttgag	aggtgttagt	180
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agagtccatg	ctctgagatg	tgtgtgaacg	tgcatgcgtt	agatgtgtga	agggcttgaa	420
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<210> 34726

<211> 370
 <212> DNA
 <213> Homo sapiens

<400> 34726
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 atcataatat 370

<210> 34727
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 34727
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 actaacmatt tctcgggagg agcttgaaga actacaagag gcattttaata aaatagatat 180
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 tcctctgcct ggctacaagg tgcgc 265

<210> 34728
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 34728
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<210> 34729
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 34729
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<210> 34730
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 34730
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 gtaattgtt acatgatggg ggtac 385

<210> 34731
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 34731
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 tgtactggag gactaag 137

<210> 34732
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 34732
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<210> 34733
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 34733
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 taaaagacta acacaaattc acattttgct ttactgctt ccaacatttn cctaagcata 180
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<210> 34734
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 34734
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 ccgcggggag aaagaaggcg taagtgtatg ttttaactgg aaaaagtctt ccatgaaaac 180
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<210> 34735
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 34735

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ctcctgggst	caagtgatcc	tcctgcctsa	gcctcntgag	tagctgggac	tatgagtatg	180
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<210> 34736

<211> 137

<212> DNA

<213> Homo sapiens

<400> 34736

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<211> 264

<212> DNA

<213> Homo sapiens

<400> 34737

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ggaasgggtg	ggcgatcaag	tacagsamtt	ggggancccc	aggagaacat	cctggactcg	180
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<211> 412

<212> DNA

<213> Homo sapiens

<400> 34738

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ccttcaggga	ccaaggcgcc	gggaggcaca	gccccagcc	cccatagagg	tctggacgga	240
tctggctgag	aagataacag	ggccactgga	agaagccgtg	gcagtggctt	tctcgcaggt	300
gctcaccatc	gcggccacgg	aaccggtcac	cctccganra	ctccaagccc	cccaagccca	360
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<210> 34739

<211> 421

<212> DNA

<213> Homo sapiens

<400> 34739

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ccctgccttg	aagagggaag	gactcttttc	tatcctttcc	agctatagtc	cctgatccct	300
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<211> 260
<212> DNA
<213> Homo sapiens

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gatatctttt aaagacatag ttcaaaattg cttttgaaaa tctgtattct tgaaaatata 180
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<211> 134
<212> DNA
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<400> 34742
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ggtggatcac cgga 134

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<211> 261
<212> DNA
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<400> 34743
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tggcctgaga ttgcaagggg a 261

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<212> DNA
<213> Homo sapiens

<400> 34744
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ccaccagggc agggatagtg gtgagggctc ctcgtggatc ccctcgcggg gagcagggtc 180
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<210> 34745

<211> 147

<212> DNA

<213> Homo sapiens

<400> 34745

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 cctgtattcc cagctactca ggaggcg 147

<210> 34746

<211> 192

<212> DNA

<213> Homo sapiens

<400> 34746

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<210> 34747

<211> 139

<212> DNA

<213> Homo sapiens

<400> 34747

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<210> 34748

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34748

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<210> 34749

<211> 127

<212> DNA

<213> Homo sapiens

<400> 34749

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<212> DNA
<213> Homo sapiens

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<212> DNA
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ttttgacaac tcaatgttcc agcaactcaa aatgktacag cttctgcatk ggaataaaaa 120
aaggaaagaa aacagaattt gtactcatat ca 152

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<211> 78
<212> DNA
<213> Homo sapiens

<400> 34752
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<211> 176
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<212> DNA
<213> Homo sapiens

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<210> 34755
<211> 309
<212> DNA
<213> Homo sapiens

<400> 34755

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gccttgaggc	tagattatct	ttcctttgta	agattatttg	atcagaatat	tttgtaatga	180
aaggatctag	aaagcaactt	ggaagtgtaa	agagtcacct	tcattttctg	taactcaatc	240
aagactggtg	ggtccatggc	cctgtgttag	ttcatgcatt	cagttgagtc	ccaaatgaaa	300
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<210> 34756

<211> 209

<212> DNA

<213> Homo sapiens

<400> 34756

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tgagagaata	acttacttat	taaggtaata	gatgtaggga	agactcatta	ctcttgacca	180
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<210> 34757

<211> 357

<212> DNA

<213> Homo sapiens

<400> 34757

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cttaagggga	aaatcgttct	tactaagtca	tgtattttca	acttgtcttc	cctgggtatat	240
cattaaatac	cgacatatta	catacccat	gtaaaatttt	gcttaaactc	tctagcactt	300
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<210> 34758

<211> 239

<212> DNA

<213> Homo sapiens

<400> 34758

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cagacgttaa	ccatctaatt	caggggtggc	caatcttttg	gcttcccggg	accacattgg	180
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<210> 34759

<211> 274

<212> DNA

<213> Homo sapiens

<400> 34759

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cttacgagag	ctcctaaagg	aagcactaaa	catggaaaag	aacaactggg	accagccact	180
gcaaaaacat	gccaaattgt	aaagaccatc	gatgctatga	agaaactgca	tgaattaacr	240
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<210> 34760

<211> 207

<212> DNA

<213> Homo sapiens

<400> 34760

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atcacccaag	gtcagaagtt	tgagaccaac	ctggctaaca	tggtgaaacc	ccgtctctac	180
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<210> 34761

<211> 265

<212> DNA

<213> Homo sapiens

<400> 34761

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ttttacttgt	gatgttgctt	tgtttcagta	tgaaggctat	gaagtagagt	catctttaa	180
ggatgccagc	tttgagaagg	aggcaacaga	agcaciaaagt	ttggaggtag	aaaatcaaat	240
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<210> 34762

<211> 270

<212> DNA

<213> Homo sapiens

<400> 34762

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cttggnccca	gtgtagctca	cgcaatctct	gctacccata	agccttgatg	aagatgatac	180
agtccggact	gtgagcatgg	tgtttcatgt	atatgtgctg	ccagtaacaa	gaattttttt	240
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<210> 34763

<211> 188

<212> DNA

<213> Homo sapiens

<400> 34763

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gagcgggcgc	tgctgaagtg	gaccgagtac	acaccagatc	ctaaccatgg	cttcgatgtc	180
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<210> 34764

<211> 346

<212> DNA

<213> Homo sapiens

<400> 34764

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agggaaagaa	ttgcattcct	ggggggaggt	ctataaacgg	ccgctctggg	agtatctgtc	300
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<210> 34770

<211> 146

<212> DNA

<213> Homo sapiens

<400> 34770

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haaagascag	gmacctgcac	tagggcaaag	gccagtagga	atagattgga	ssysttaagg	120
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<210> 34771

<211> 150

<212> DNA

<213> Homo sapiens

<400> 34771

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<210> 34772

<211> 399

<212> DNA

<213> Homo sapiens

<400> 34772

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cdtgagaata	tgtagcagtg	gtcttgtcaa	attgtggagc	tctttgaccc	tgttaggatc	360
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<210> 34773

<211> 202

<212> DNA

<213> Homo sapiens

<400> 34773

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aaacaataac	actgcttata	aatggcacca	catcttggtta	acctcccccc	caaatactct	180
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<211> 413

<212> DNA

<213> Homo sapiens

<400> 34774

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cacagaagtt	cagtaaacia	ggaccagatt	tctgcttctc	caggwgaaga	agccagccaa	360
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<210> 34775

<211> 296

<212> DNA

<213> Homo sapiens

<400> 34775

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tttacaggat	acaaaatcaa	catgcaaaat	ctgtagtttt	ttgttttggt	ttgtwttttt	180
gtttgttgt	tttttgagac	ggtagtctcg	ctctgtcacc	aggctggagt	gcagtggcgc	240
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<210> 34776

<211> 313

<212> DNA

<213> Homo sapiens

<400> 34776

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accagccaag	ctgtgggttc	agcatggcaa	ctttacaagc	cgggcagggt	agcatggatg	180
ctgtgaaaag	tgacctctct	atctgraaaa	gggttttgta	ccttggtctg	cattagtcac	240
ttttccttgt	ttgatattta	cagckttctc	ttgtccttkg	tatccttttg	gtaacacacc	300
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<210> 34777

<211> 168

<212> DNA

<213> Homo sapiens

<400> 34777

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<211> 312

<212> DNA

<213> Homo sapiens

<400> 34778

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 <212> DNA
 <213> Homo sapiens

<400> 34779
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 graggcaaag actcctccat cccacctac 89

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 <211> 250
 <212> DNA
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<400> 34780
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 <211> 453
 <212> DNA
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<210> 34782
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 34782
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<210> 34783
 <211> 369
 <212> DNA

<213> Homo sapiens

<400> 34783

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ccctgactca	ggggaagaga	gtgtggccta	ctttctgctc	cttgataaac	cttccatgcc	300
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<210> 34784

<211> 356

<212> DNA

<213> Homo sapiens

<400> 34784

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agcttaaatg	aattatagga	magttcctga	aaagtccaar	gtaaatgtga	agagaacccg	180
attctcttaa	cctcacccaa	cccagcactt	gattctccct	tgtttcctgg	ttttcataca	240
cacactggga	aaggamaagg	aagaagaaac	aaggatgtcg	ttatggctga	aggagctttg	300
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<210> 34785

<211> 352

<212> DNA

<213> Homo sapiens

<400> 34785

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cttcttagat	acctgactag	ggaagtttgt	ctctcctttc	ttgcccaacc	aggtcaaagt	180
aaaatgtgag	ttgacagctc	aaagcacttg	taactgctgc	cccctcccta	cctctactcc	240
ccaaaatgga	atcatgggat	agggaaggcc	cccatggggg	cagaagggca	cggtagttct	300
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<210> 34786

<211> 365

<212> DNA

<213> Homo sapiens

<400> 34786

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gtgccacatt	ttcttaatcc	agtctatcat	tggtggacat	ttgggttggt	tccaagtctt	180
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<210> 34787

<211> 144

<212> DNA

<213> Homo sapiens

<400> 34787

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aaggaggctg	aagaggaaca	gaaa				144

<210> 34788

<211> 283

<212> DNA

<213> Homo sapiens

<400> 34788

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aaagaagccg	gmagagatkt	kacctattta	atagtgggtgc	tttttggaat	cagcattaca	120
ggtggcttgt	tttacacgat	tttcaaagaa	cttttwtctt	catccagwcc	tagcaagata	180
tatgggagag	ccttagaaaa	atgcagatca	catcctgagg	tgatcgggtg	ctttggtgag	240
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<210> 34789

<211> 308

<212> DNA

<213> Homo sapiens

<400> 34789

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tgggtgacctg	tggccacttg	cagaagggat	ggtgcctgac	ccactgccct	agccccacgc	180
tatgcaccaa	acttgttctc	cccgtcctgg	tccagggctg	gggtcttttag	agactgacag	240
cctctgcccc	aggcctgagt	ccttagcaag	ggttkggtaa	ggagvtttta	agggagaagg	300
tccagttcc						308

<210> 34790

<211> 139

<212> DNA

<213> Homo sapiens

<400> 34790

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gcaatcacia	gtccgcccc					139

<210> 34791

<211> 320

<212> DNA

<213> Homo sapiens

<400> 34791

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aggagttaa	ggctgcaatg	agctgcgatc	acgcactgca	ctccagcctg	agtgacagag	180
aaagacactg	tctctaaaaa	aagattgcat	tttttatcac	taggcaataa	agtgagcaat	240
taataacaaa	aggataattt	tgaaagacta	aaaaagtaga	gattgaaata	ctgtcttaaa	300
ataattttta	gatcaaaaaca					320

<210> 34792

<211> 139

<212> DNA

<213> Homo sapiens

<400> 34792

gaataatatg attaaataga aggtttgtgc cagtagacat tatgttacta aatcagcact	60
ttaaaatctt tggttctcta attcatatga atttgctgtt tgctctaatt tctttgggct	120
cttctaattt gagtggagc	139

<210> 34793

<211> 233

<212> DNA

<213> Homo sapiens

<400> 34793

acttctccag cctggacggt acagcgagac ttgtcttagg gaggggggga aaaaaaacia	60
caaaaaaac agaggctaag aggtaactcc gaggatgaca gaaaacacca gagtttttag	120
gagatgttag aagccctggg agcactgaac aaaccagaaa gctcccgacc cttgatccct	180
gagctccacc tagcaagtac cgcggcagct aacckgggag aataccccaa ctt	233

<210> 34794

<211> 208

<212> DNA

<213> Homo sapiens

<400> 34794

caacgaacca aactttttaa tggaccggga gatgttgaaa cgggtacaag cataacagta	60
cctcagaaaa agtgggttga ttttatttca cccatttttg ttcaagctct tacattaaca	120
ttcttagcag aatgggggtga tcgctctcaa ctaactacaa ttgtattggc agctagagag	180
gaccacctatg gtgtagccgt ggggtctgc	208

<210> 34795

<211> 152

<212> DNA

<213> Homo sapiens

<400> 34795

gtcttggtcc cgttctcaga gggaatgctt tcaactttac cccattcagt attatgttgg	60
ctgtgggttt gtcatagatg gcttttataa cattaaggct ggagtgcagt ggcgtgatct	120
cggctcactg cagcctctgc ctcccgggcc at	152

<210> 34796

<211> 162

<212> DNA

<213> Homo sapiens

<400> 34796

cattaccaac aggcctactt ctaagccaac aacaagacct acaccawagc caacaccaat	60
tcvtactcca ccaccaccac caccctgcc aacagagctc agaacacctc taccacctac	120
aacccagad aggccaacca ccggactgac aactatagca cc	162

<210> 34797

<211> 157
 <212> DNA
 <213> Homo sapiens

<400> 34797
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 cctcctccaa gttaaataaa accatgggtga tttgtttgtt cctgccatta ttcgtcggc 120
 ttgtaatacc ccacctcttt gttgcctatc cccttcc 157

<210> 34798
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 34798
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 gctagtctat cagcatctga cagggtgaatt ggatggttct cagaaccatt tcaccagac 120
 agcctgtttc tatcctgttt vvttaaattag tttgggttct ctacatgcat aacaaaccct 180
 gctccaatct gtcacataaa agtctgtgac ttgaagtta gtcagcacgc ccc 233

<210> 34799
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 34799
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 gtgttagaag cctgcgtggg gag 143

<210> 34800
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 34800
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 tgaacctagg gggcagaggt tgcaatgagc cgagattgcc ccattgcact ccagcttggg 120
 caacaagaac gaaactccgt ctcgaaaaaa aaaaaaa 158

<210> 34801
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 34801
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 caacaagaac gaaactccgt ctcgaaaaaa 150

<210> 34802
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 34802

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 cctcctcgcc aacactkagg accccacgga gatggcctcg ctggacagcg acgakgagac 120
 ggtctttgag tcccggaaatc tgagatgatg ctgagccagg gaggcggccc ttccagcagc 180
 catgagggaa ggacakgaga tggggcccac c 211

<210> 34803

<211> 141

<212> DNA

<213> Homo sapiens

<400> 34803

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 cgtgaagcca caagcacctt atgtcctccc ttcagtgtwt trtgggcctg aatttcatca 120
 cactgcattt cagccatgga t 141

<210> 34804

<211> 170

<212> DNA

<213> Homo sapiens

<400> 34804

acagttacaa tttagccatg ttatattact taatcttccc aaacatcacg tgatataagc 60
 attattatcc ctctatacag ttgaaagaac ctaggttaaa ggtcttaaat aacttttcct 120
 agtttatata aggaaagtta atagatctgg aatttgaaca tagggccctc 170

<210> 34805

<211> 50

<212> DNA

<213> Homo sapiens

<400> 34805

cttgaagcta gaasrggaag ttrgttaaaa atcacatcav aaagctacta 50

<210> 34806

<211> 216

<212> DNA

<213> Homo sapiens

<400> 34806

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 ttttttattt tttgagatgg agtctcactc tgtcactcag gctagagtgc agtgggtcga 120
 tctcagctca ctgcaacctc cgtctcccag attcaagaga ttctttctgcc tcagcctccc 180
 aaggaactgg gattacaggc gccaccaca cgccac 216

<210> 34807

<211> 74

<212> DNA

<213> Homo sapiens

<400> 34807

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 acgtggaccg ccgt 74

<210> 34808
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 34808
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 tttatgatgg tt 72

<210> 34809
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 34809
 ctcttgtttt taggatttag aaataccagc agtgcccata ctccatagca tgggtgcaaaa 60
 attcccaggc gt 72

<210> 34810
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 34810
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 taaaagtgac agtaattagt agcataaatc wrcaagcaga atgtagcaac cagtacagag 120
 aggctggcct gacagtcctc aacgatactt ttatttktat atatccacta tgctcaagat 180
 tagtttatta attctgtagc aggttaaggg agtggaggca gctggtaatc gttgattbdd 240
 ttatatatatt tcattcaata gccatctgct gaatgtcttg tatgtgccag gtccgggtta 300
 ggggttggggr ctcaatattg aatatgmctt gcacagcccc tgttctcagc ctagt 355

<210> 34811
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 34811
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 cgccttttgc cacctttccc tttatttccg gagakattta ttgagtgtct actgtgtgc 119

<210> 34812
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 34812
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 attattcttt gaaatgccaa atgmtataaa tattttgcct aatacatatt tattgtagat 120
 gaaatgcact cttctcgatg aggcctcgat ttgaatcaat ggggtgggcc acaggaaatg 180
 tcagaggaac cagaac 196

<210> 34813
 <211> 307

<212> DNA

<213> Homo sapiens

<400> 34813

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agtcctttgg gcctcagaat tgcacaatgg cacatccaga gggggcctgt gtagttacct    60
acgcaggtgg gcatgttaga ccataagccc actgttcttg ggggaatgac tgaaggctca    120
tttgctactc tggtcactaa ctgacaggac ctgtcagctt ctgactcttc aaaggagtca    180
gacagtcgga gaaggagacm attcmaggtc ctgtgctcca cagggwmaag aggagtttcc    240
agactatcag ctgatgggac tggggctgtc taccagggga agaaaagatt tacaagacac    300
aacgcct                                           307

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<210> 34814

<211> 70

<212> DNA

<213> Homo sapiens

<400> 34814

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taaaaaaaaaag ataaattgat tattagagat ctttgttctg aaagtatgct ctttcctaaa    60
aaaaaaaaaa                                           70

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<210> 34815

<211> 367

<212> DNA

<213> Homo sapiens

<400> 34815

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ccttttagttc atttattatt tacctagaaa gagaggtgtg tgtgtgtgtg tgtgtgtgtg    60
tgctttgttt tntttttccc cgtcattgacc tcacaaaagg ctataggtct tagtcccaca    120
aaagtaaaat agctctgccca ctgggatgtg tcttccttgt tctgagcttt ttctcaaaac    180
cctatcactg gcccttttagt tttcagccga tgtacccaaa atatttcctt cccaaagtgc    240
kggtattaca sgcgtagaca scgtatccgg mcaatctttt ctatttcaac cttttctttt    300
taactgtagc ctgggaaatt tttaacctgc aaaaagggtg ggtccttggt gggytcatt    360
ttttaaa                                           367

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<210> 34816

<211> 330

<212> DNA

<213> Homo sapiens

<400> 34816

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caggtttggt tggttcactc ttctgtcagc atggatcaag cccctaaaat gtggtaagtg    60
ttgtcagagc agggcaatat ctctactctc aagtatgagg ggaatagaaa caaagcagca    120
gttttagcca gggttcaatg atagagtggg ggtaaattaa gagcctccag gctgtgattc    180
accatttgag acattatata taatttggtt ttgttataag ccatttgaat ttttaaaaaa    240
tttcatacat gcaatggaat atagatatgt atatacacat ataatatata tgctaaagta    300
taaagagtaa taataatgac aataaacaaa                                           330

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<210> 34817

<211> 342

<212> DNA

<213> Homo sapiens

<400> 34817

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tttttttttc taacatgggt gacaatgagc aattgaatgc ttagattggg agctgagaga    60

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ttatctttac	tttggtgagt	aataaacaca	ttaattaaca	aaacaggaaa	atcctgtcaa	120
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tgagttcagt	ggtctttaag	aaagtataat	catgaaaata	gttacgtcca	gagctcagag	240
agtttgaatt	atccttttga	ttggaagatt	ctagcccaga	ctattttatc	vbrrttctaaa	300
ckkgccaaaa	atkkcatatt	gtcaaaacttt	ccctccaccc	cc		342

<210> 34818

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34818

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aggcctcccc	agccatgtgg	aactgtttga	ggcacagagc	tgtatatata	ataacagtga	120
aattgatccc	actactaatt	atgacaaaaa	tgatcttcca	cgtaaacagg	tggtgaagct	180
ccttatggtc	ctgaccctac	agttcctgtc	ccatgaccag	ggccagatca	ccaaggagct	240
gcagcagttc	gtcgtcagtg	gcagccccat	gcgagc			276

<210> 34819

<211> 222

<212> DNA

<213> Homo sapiens

<400> 34819

caacttaggc	ttgaatgttg	aatgtttcca	gcttaggggt	tcctggaatg	atgaatacta	60
gcatcttatt	cataatgata	tgatcataac	atctatgcaa	attttagtta	ttcctacttc	120
aggatgggat	tcaaagtctt	catcgtatgt	ggccaatctt	tgatgagttg	gtaaaatcta	180
tataatataa	cctgttcatt	tttcaggtat	gtgagcacat	cc		222

<210> 34820

<211> 267

<212> DNA

<213> Homo sapiens

<400> 34820

agaaactagg	aaaaaaagat	tttctttgct	aatatagatg	taaaaataac	atcagacatc	60
tttgaaaatt	agcctctaaa	ctcttaatac	atacgttctg	tgtgtctcta	cctggcgtct	120
ttaagaatat	cctctctggg	ctctgaaatt	ttaggagtg	ttcttatcca	ctccaagttg	180
taagtatttg	tagaaatttg	tgcaaacaaa	caaaaactat	caaatgaaaa	gaaaatgtac	240
tcaacctaac	ttatagttag	cagcttt				267

<210> 34821

<211> 304

<212> DNA

<213> Homo sapiens

<400> 34821

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gctttacctt	catttgkttt	tgaattttgt	kaagggaagt	ktagtgtata	cttttctcta	120
gcatttttgt	ctctagcata	raatttcaat	atttatgtaa	atgtatatkc	ttactgtttc	180
ttttttagg	acttttttkt	tcttttttga	tggagtctca	ctckgtcgcc	caggctggag	240
tgtggtggcg	ccatcttggc	tcattgtagc	ctccacctcc	tgagttcaca	tgcctcagcc	300
accc						304

<210> 34822

<211> 150

<212> DNA

<213> Homo sapiens

<400> 34822

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tagaagcagc aaagaaagch caccakgcag cgtgcaaaga ggmsaagctg gctatctcac	120
gwgaagccaa cagcaaggca gacccatctd	150

<210> 34823

<211> 86

<212> DNA

<213> Homo sapiens

<400> 34823

ggtgtataac cttggactca cactgctgtc tctgtakatg ttctgtgagt tagtaacagg	60
agtatgggaa ggcaaataca acttct	86

<210> 34824

<211> 140

<212> DNA

<213> Homo sapiens

<400> 34824

acaatgtttt cacgcctgta aacctagmdc attgggaagc caaggtggga ggattgcttg	60
aggccaggag ttcaakgmtg cagttagcta tbattgcaca ctgkaskcta gcctgggaga	120
cagagtgaga cactgtctct	140

<210> 34825

<211> 178

<212> DNA

<213> Homo sapiens

<400> 34825

tgtgttaggg mtaagcacac ttcaaaagat gttttctagc sctaaatttt atgacattgg	60
gtacttaaat ttggagtaca ctagtatttg agaacaatat tttgggttsa sgagrgatgg	120
ttgaggccat tatktagtgg gagcattggc attttgaaca ctgtaaacaa aagaacac	178

<210> 34826

<211> 157

<212> DNA

<213> Homo sapiens

<400> 34826

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gcacaggtcc tgctgtcct gtcttccaag gcgctaaatc acccctctgc ctccgcccc	120
gggggcccga gcctctatct cctgcatcaa cgcgcc	157

<210> 34827

<211> 317

<212> DNA

<213> Homo sapiens

<400> 34827

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taatcagcaa	cattacagtc	ttgaatttcc	tccaggctct	aggctatcta	cacactaaag	120
aagaactgct	gганhcagag	cttgatgttt	tgaagtcctt	gaacttccga	attaatctgc	180
ccactcccct	ggcatatgtg	gagacgctcc	tagaggtttt	aggatacaat	ggctgtttgg	240
ttccagccat	gaggctgcat	gcaacctgcc	tgacactgct	cgacckvgtc	tatcttctsa	300
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<210> 34828

<211> 334

<212> DNA

<213> Homo sapiens

<400> 34828

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gaatggttgg	acttattttg	catccccttt	tcttgtaaag	aatcgagatt	caccgmgtg	120
agacttttct	ctttaagaca	gctagccatc	cactttcttc	cactgcta	tgaccagtgg	180
tcgagcatcc	ataggatttc	tcccagtggt	gaaaggcttt	attttaaagg	caagtgaagc	240
tgcttcaa	aaaacaactt	caagcttcca	agaaacagtt	aagaggaggc	agagmagagc	300
agamacactt	ctttgctgac	acttacactg	ttgc			314

<210> 34829

<211> 174

<212> DNA

<213> Homo sapiens

<400> 34829

catgacttgt	cactgtta	gttgaccttg	atcacctggc	caaggtagta	tcttccaagt	60
ttttgcacag	taatgttgcc	ccccaaactcc	catcagccac	cactcattca	atcctgtgtt	120
ctttggmmtg	aactcactat	ttgcagttat	gttgccctccc	atccccccgg	ccca	174

<210> 34830

<211> 239

<212> DNA

<213> Homo sapiens

<400> 34830

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tcagcgtgaa	caaccccaga	aggaaaaaga	gtgcwgttgt	taaaggatc	tggtcatcatg	120
gacccaacca	tcaccaggag	tttctcactt	catctctgtg	tgataaattt	tgacatatgt	180
atacatccat	gaagccggca	ccacaatcaa	gataatgaac	atctcgctta	ccccagtca	239

<210> 34831

<211> 204

<212> DNA

<213> Homo sapiens

<400> 34831

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ttttgttcct	aaaggagagg	aaaagttgat	taacttctgg	tttggttttag	aaaaagtaat	120
gtttgaaata	cgaaggtaat	ttaatgttac	aaattttaac	actcaaatca	acctttta	180
aattttctgt	gctaagggcc	cact				204

<210> 34832

<211> 182
<212> DNA
<213> Homo sapiens

<400> 34832
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agccggtacc ggcaaccacg ggcagctctc aggggaatctc cgtcgtgagg ccagaggctc 120
cagtccccgc gagtccagat gcctgtccag cctccaagca aagacacaga agagatgaaa 180
gc 182

<210> 34833
<211> 254
<212> DNA
<213> Homo sapiens

<400> 34833
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gggtaccggt ggtcagacct ggcagacagc ccattttttc ttatgataaa gacggcattt 120
ggctcatgag caaggtggca agatcatcaa gtgagtcaga catgcagctc tgggaaacag 180
aagaggatga catgacagaa gggagaagaa agaaatgaag cgagttttca gtattccaag 240
cataagagcc aggt 254

<210> 34834
<211> 233
<212> DNA
<213> Homo sapiens

<400> 34834
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gggacaccgg gggccccggg agcagagaga cctcagagca gcctcctcct gcctcctgtg 120
gmcggccggc cccagctggt gatcccagcc agtcscagcs htcagttgct gccaccacg 180
acatagagat ggmggcgctt ccagctggca ggtgtcgtcc ttcagcgaga yac 233

<210> 34835
<211> 281
<212> DNA
<213> Homo sapiens

<400> 34835
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ttccagcctt ctggacaagg cctgggctaa gaggagctga ttcgttatct cttcaccac 120
tgccctctca gtatcaccag tcccaaagac aggatacgtc cctgtaaccc aatctctcgg 180
ttgattgata gcagaacagc tcttgttggg ctgagaaggc aggataagtg accacatatt 240
tatgcbacta cctccaccag ggagagtcct tctccacagg c 281

<210> 34836
<211> 382
<212> DNA
<213> Homo sapiens

<400> 34836
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gatcaagaat gatgccaga ttctgggtga gtggcagtc tgtgggtgcac aagtagtgat 120
gttatgtttc cgggtgacct gctgttttagc aggagcccag cctgtggcta agaagtatag 180

agaactgaaa ctagctccct agggatggga aaaccaagtg ggctgaggat aagaacaggg 240
 ccccgaggct ggggtgcggtc gctcacgcct gtaatcttag cactttggga ggccgaggtg 300
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<210> 34837
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 <212> DNA
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 tgtaaaagta gatctgatct tgtcctttgc agcatgtgga 220

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 <212> DNA
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 tctgtaaagc tgtttccagt gtctgtaaat tgctacagca aattcttaac catgggggga 180
 tgtccysggm accccttact ttgtagttgg ccaagcataa aggtaggtag tcyaggcacc 240
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<210> 34841
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 <212> DNA
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cactgat

67

<210> 34842

<211> 86

<212> DNA

<213> Homo sapiens

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<211> 201

<212> DNA

<213> Homo sapiens

<400> 34843

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tgagtatgga gggctaggcc gtgaagttca agtcgagcac atcaaggctt atgtcaccaa	180
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<210> 34844

<211> 295

<212> DNA

<213> Homo sapiens

<400> 34844

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aagccccgatg gccagagga gaaaagccag gatctgggaa tgtggccccct gcagtaatac	180
tggtgtamng tggatgctv ccaaacagaa ttacctaat cggatgggaa tgggaaagcc	240
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<210> 34845

<211> 352

<212> DNA

<213> Homo sapiens

<400> 34845

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taggaataga agtcttttnr tcccagtcg tgggacagtt ttgtatgctg tatcttgtac	180
acaggttgta ggttgggtta ttgccatttt gttttatttc tgcwatrtta aarccaagag	240
ccagacaatt agacaactat ggaggaatga aaggcaattc aaacatctgc dtgattcccc	300
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<210> 34846

<211> 126

<212> DNA

<213> Homo sapiens

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gccaat 126

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<211> 56
<212> DNA
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<210> 34848
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<212> DNA
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<400> 34848
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<210> 34849
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<212> DNA
<213> Homo sapiens

<400> 34849
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<210> 34850
<211> 65
<212> DNA
<213> Homo sapiens

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tgggt 65

<210> 34851
<211> 298
<212> DNA
<213> Homo sapiens

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attatgttag gatgactgtt gattttgaat gggttttggg ccaaaataag ttactakctc 240
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<210> 34852
<211> 67
<212> DNA
<213> Homo sapiens

<400> 34852

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<210> 34853
<211> 81
<212> DNA
<213> Homo sapiens

<400> 34853
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gctaccaga cctcagaatt t 81

<210> 34854
<211> 79
<212> DNA
<213> Homo sapiens

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aaagcaccga tgtattctt 79

<210> 34855
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<212> DNA
<213> Homo sapiens

<400> 34855
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gaggatggtg gcttgaatgc cctcttccct tttaaacctt tcttcactya agggacatga 240
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<211> 417
<212> DNA
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<212> DNA
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<400> 34857

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cacttttctca	aacacaaacc	tcactatgca	actttggaat	ctctgtaggc	tcacctttgc	180
cattttcttaa	tattgcattc	kccaaattgc	kaatctctat	ccagtctctt	gaactagact	240
tggcacatgg	agattccgct	cagaaagtgc	tcttcacact	tctacctgct	tgactaaccc	300
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<211> 337

<212> DNA

<213> Homo sapiens

<400> 34858

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gaagaatcaa	tattgtgaaa	atggccatac	tgctgaaagt	aatttataga	ttcaatggta	180
tctccatcaa	gctacctttg	actttcttca	cagaattaga	aaaaagtact	ttaaatttca	240
tatggaacca	aaaaagagcc	tgtatagcca	agaaaatcct	aagcaaaaag	aacaaagctg	300
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<210> 34859

<211> 218

<212> DNA

<213> Homo sapiens

<400> 34859

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tgagattggg	caatcagccc	atttgaaatg	ggtaaaaaat	actttcagta	aaataattac	180
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<210> 34860

<211> 388

<212> DNA

<213> Homo sapiens

<400> 34860

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gctggctggg	gctgaagaca	gacacactcc	tgagccaagg	tcttgtcttc	aacctccccg	180
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gctctcctgt	tttccctcag	ggtccagtat	gcctttgngg	cttttagctgt	tagaaaggaa	300
cccccgtag	ttgacacagc	tttcacagct	ggctgctagg	accggcgggc	tgggtgttca	360
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<210> 34861

<211> 328

<212> DNA

<213> Homo sapiens

<400> 34861

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aaaatgcttt	atttagaaaa	cctacatgat	acagtgggtg	cagccttgcc	atgtatcagt	180
ttcacttgaa	atttgagacc	aattaaattt	caactgttta	gggtggagaa	agagggtactg	240
grraacatgc	agatgaggat	atcttttatg	kgcaacagta	tcctttgcat	gggaggagag	300
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<210> 34862
 <211> 66
 <212> DNA
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	taaaaatctt
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	66

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 <212> DNA
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ctcaaaagt	atcttttataa
tcttagttgt	cagatatatt
aaaakatagt	ggctcaaata
tagggctgac	atgt
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	240
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	420
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	ggttttctgt
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	ctccctaa
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	120
	180
	228

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 <212> DNA
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 <212> DNA
 <213> Homo sapiens

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 ccagcacttt gggaggcnad ggtgggcgga tcacttgagg taaagagttg agaccagcct 240
 ggctagcatg gcgaaaccca gtctctacta aaaatacaaa aattagccgg gtgaaattag 300
 ccgggcgtgg tgggtgtgtgc ttgtaatccc agcbactcgg gc 342

<210> 34867
 <211> 297
 <212> DNA
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<400> 34867
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 cccaaagccc tgcagttgtc tggactttta atttttaaaa tttttaaat tttaaattaaa 180
 aaatggtatt ttttgagaca aggtctcact ctgctactca ggctgggggtg cagtvtgtgca 240
 atcatggctc actgcagcct ccagctcctg ggctcaagtg atcctcctgc ctcagcc 297

<210> 34868
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 34868
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<210> 34869
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 34869
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 gtttttcaat atcatacatt ggtgtatgtc aaagaataaa ttagtaaaat tagtaaatga 120
 aaaagactct tccgtacatc attatttcca tgctaattgt tgtctgtgat ccagaataac 180
 ttctccact catatcttca gttcacctaa tgaaatgaat ggatagcaag agccctaa 238

<210> 34870
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 34870
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 agtttccttg t 71

<210> 34871

<211> 331

<212> DNA

<213> Homo sapiens

<400> 34871

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ctgcgcckkc	accccccgcc	ccaaacaagg	atgctcagtg	acctgggtgga	attctgcgac	180
cagatggggc	tgcccgtgga	cttcagctcc	gcaggascct	caataaaagc	ctgacccaaa	240
catttggaga	tgacaagtac	tactggccc	gcaaggaggt	gtcaccaaac	atgtgctccc	300
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<210> 34872

<211> 386

<212> DNA

<213> Homo sapiens

<400> 34872

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ctgggattgc	agatgtgcat	caccatgcct	ggctaatttt	tgtatttttt	agtagagatg	180
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gaagctttta	ggaaaatcag	agcagggtag	acagctgtta	aaaacaatgt	ttaaattggaa	360
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<210> 34873

<211> 243

<212> DNA

<213> Homo sapiens

<400> 34873

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tgacgagaga	acgagattta	ccttcctgaa	ttaaaaaaca	gactccctgc	gacaaggact	180
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<210> 34874

<211> 68

<212> DNA

<213> Homo sapiens

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<211> 181

<212> DNA

<213> Homo sapiens

<400> 34875

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taagagccat	gtccaagcat	gactctaaag	gactatatcc	tttttattag	catggccatc	180
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 <212> DNA
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<400> 34876						
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atgttaagt	aggacttact	gtagtcataa	ttttaatttc	tcttattttg	ataattgcat	180
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 <213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

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gccctttcgc	agcagtggaa	gttcacgctc	aacctgcagc	agtaggagbg	gtccgggagg	300
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<210> 34879
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 <212> DNA
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<400> 34879						
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 <212> DNA
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tttaatnytc	
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ggcat	

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 <212> DNA
 <213> Homo sapiens

<400> 34881	
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ttgactacta	120
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tgttgatgty	
kttcaaaaat	
gacacagaat	
gttaagatgg	
aatagtttta	180
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aaaaaacttg	
ctaattcaga	
gtatcctcta	
gtccacgtaa	
tgtggtttag	240
actacatttg	
caaaattagg	
gccttgacgc	
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aaaatccaga	
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aatgaacccc	

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 <212> DNA
 <213> Homo sapiens

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cttttgctat	
atcctgtaag	120
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accgtccacc	
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tctgtgcccc	
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 ttcataatgt tctttgaagg gtttaaaaca agatgttgat aaatctaagc tgatgagttt 180
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tcacagcttt ggaagctgga agtccaaggt caggacactg gcagtttcta tgtctsgtga 360
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<212> DNA
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 gaagggtatg gaattttgtc aaatatattt tctgcattaa ttgagatgat catgtatttt 180
 cccttcattc tgtaaatgtg gtgtattaca ttgattcatt ttaaaaaatt agagatttat 240
 aatattttta ttttttgagc ctggtctcaa attcctaact tcaagtgatc ctctgtttt 300
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<212> DNA

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<212> DNA

<213> Homo sapiens

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agatcgctcc ggacctggac caggacggtg acaagcagct ctctgtgccc gagttcatct	180
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<210> 34901

<211> 223

<212> DNA

<213> Homo sapiens

<400> 34901

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<211> 335

<212> DNA

<213> Homo sapiens

<400> 34902

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aagtgaactt ctcatctctg ttttgaaatt ataaattttt ttttactact ttaatttatg	180
gaactattgt aagaaaacct tcatccatt gatacctaaa gaaaagtatt aggcaataag	240
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 ccttagcttg ctttcctcct ccctcctttt tattttcaag ttccttttta tttctccttg 180
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 tcaagggttt tcaagaaatg atttcaggac aagctctgct ggagtgcaaa ggcgcgatct 180
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<400> 34907

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atgaagccac	cctgggtcag	tgtgggggtg	aagccctgac	aaccctggaa	gtggttggcc	180
gcaggtagga	gatggtgagt	ttataaaaaga	ctgtctattg	agtgcagcgg	aaatcatgtg	240
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<211> 313

<212> DNA

<213> Homo sapiens

<400> 34913

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tatatattct	gaaaatgaaa	acagttacat	gaaaaaaatt	tccaatgaag	atgtcagcat	180
tttatgaaaa	accagaagtt	attagatgaa	agcagcgagt	gaatcnytaa	aacagacttc	240
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<210> 34914

<211> 360

<212> DNA

<213> Homo sapiens

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tgcatacttg	tgacaaaagc	cacacgcatt	atcagtaact	ttgcttgcca	cggaaaaggt	180
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<210> 34915

<211> 200

<212> DNA

<213> Homo sapiens

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tacatacaac	ctagtttaac	cgattttacc	tttaaaaaaa	atctttgtga	cctaatact	180
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<211> 247

<212> DNA

<213> Homo sapiens

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ctcttgtcgc	ccaggctgga	gtatagtggc	acgatcttag	ctcactgcaa	cctccggctc	180

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cccasct 247

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<211> 313
<212> DNA
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aatagcagga gcg 313

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<211> 378
<212> DNA
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aaaattttcc tgtaccct 378

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<211> 143
<212> DNA
<213> Homo sapiens

<400> 34919
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agtgattggg tgcggccggc cat 143

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<212> DNA
<213> Homo sapiens

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taaacattaa ttactttgt gttcaaaaga aaattccaac tgctgttggg gaaggacaca 120
gaaaagaaaa ataaccaccc 140

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<211> 464
<212> DNA
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<400> 34921
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 atggcattct tcagtgctag tatttgaaat tggaattagt acattgtgca ttcttagtag 180
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<210> 34922
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 <212> DNA
 <213> Homo sapiens

<400> 34922
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<210> 34923
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 <212> DNA
 <213> Homo sapiens

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 <212> DNA
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 tgchtttatt atatccattt ctgtattcgt accagcacct cagcg 165

<210> 34925
 <211> 63
 <212> DNA
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 aaa 63

<210> 34926
 <211> 187
 <212> DNA

<213> Homo sapiens

<400> 34926

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caacacagga atgggtgcmg ggctgcaggg acactgtctg tcctcacagg ggaggagcag    180
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<211> 280

<212> DNA

<213> Homo sapiens

<400> 34927

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cctctctgac gccgggagtt gctccctaag atctgctgcc gcctttcgct ggactttccc    180
cctgggtgga gcggccgagg gggtttcgaa gcctgcgtat ccctgactct tcaccagcg    240
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<210> 34928

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34928

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catattvmac atkcttctka tactwcctcc ctacctttat ctgacacaga aatgctgtat    120
gtccagaact tctatcagag gcacctatgg wwtcttaagg gaagaccaca tcgctt      176
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<210> 34929

<211> 177

<212> DNA

<213> Homo sapiens

<400> 34929

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aaactggcgg attataatgg ggatgatggg aacgtaggtg agtatgaggc agacaagcag    120
gctgagctgg cttacaatga ggaagaagat ggtgatggg gagaggaaga cgcccaa      177
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<210> 34930

<211> 220

<212> DNA

<213> Homo sapiens

<400> 34930

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cataggaaat gtcttagaat tttatkattt tttcctaaat tgtgatgcta tactacttgt    60
atagctagtt accacatttc taaagcatag tgtgcctctg tgaatcttgt tatatactgt    120
ttgggcttct gtaagatatt ttgaagtttg aaaagcaaact actgaaactt taaccaagag    180
actgacacat ctckttgtac accacgttgc ttctgtgtgc                                           220
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<210> 34931

<211> 176

<212> DNA

<213> Homo sapiens

<400> 34931

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agaactcact cgattccaaa ttctgtcttc ttccaggcaa agcgcctggcg ttaatatatg	120
gagataaatg agacagagtt ccagtccttg aggagctgat ggtctaggga gaagtc	176

<210> 34932

<211> 320

<212> DNA

<213> Homo sapiens

<400> 34932

gcggctcggg gcgcgaaaca tggcgggggca ggacgctggc tgcggccgtg gcggcgacga	60
ctactcagag gacgagggcg acakcagcgt gtccagggcg gctgtggagg tgttcgggaa	120
gctgaaggac ctaaactgcc ccttcctcga gggctctgat atcacagagc caragacaat	180
tcaggaaactg ctgtgcagcc cctcagagta ccgcttgag atcctagagt ggatgtgtac	240
ccgggtctgg ccctcactgc aggacaggtt cagctcactg aaagggtccc aacagaggtg	300
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<210> 34933

<211> 290

<212> DNA

<213> Homo sapiens

<400> 34933

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acaggccctg gatcttcagt gaggatgtgg atctgaagag tccccaaat gcctctgaag	120
tctgacatct ctgcttagcc ctaggagtct gggtccctgc cttcagttgc agagtgtgt	180
gtttgtgtca ttgttgatgt cacctcctaa aaagaccttc actttctggc tgccacaaag	240
ccatatgtgt tgctcccat atacagcctg acagagtaaa tggagagagg	290

<210> 34934

<211> 354

<212> DNA

<213> Homo sapiens

<400> 34934

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aggcacgggg actctcttcc tcacaagtaa cattcaccca tctgtctgcc cgagcgtcat	120
atgcctcaat ggcatgtgtg gggtccccc cactccagcc accaattgca aagaggatgg	180
catagggcaa gcgtgggtctg gtgagtgggt tggtgaaatc agaattagag ggtccattca	240
tggtgaggtc atacatggcc tttagggcac taatgatgac tggtttgcat tctcactgt	300
ctttgacata gtcattcatc ttaacattgt tcatgaagta ctcagcatgc atta	354

<210> 34935

<211> 298

<212> DNA

<213> Homo sapiens

<400> 34935

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gttttttaatt aaacttttga acagcgaatt tggatgttcc agaggttgga cttgtattag	120
gtaataaagc tggacctggg actcgtgagg aaggaatgtg cttggggctg ttgccatacc	180

tgtgcagcat tctttcaaaa tagtgccttc caatgcttct tccttatgtc ccacagacag 240
gatcatcact aagaagcgtt cttaaaacgg ccccatccag tgagattttc cgttatac 298

<210> 34936
<211> 355
<212> DNA
<213> Homo sapiens

<400> 34936
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agtgttgagt gcttttttac tgggagaaaa atcctagcag aacctgctac tctgggcgca 180
ttaggtagtt ttatgcaact atagtattaa gagttttatt ggaagavaaa acactgtcag 240
agcttactgc tccagaccgt yttttttaat agargagact ggtaaaaatg atgcaggggc 300
tgaatgaaag ccagctctgc tccagtggct ctctgagttg agcatgcac agtta 355

<210> 34937
<211> 282
<212> DNA
<213> Homo sapiens

<400> 34937
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ccggctcccc gggcccccac ggggggcgtc tcgacgtgt gcggccgcgc agtttcggtt 120
gttcagaag aaacctggga aacaaaagac tatgtttgga acacgatgtg gagaaagcca 180
gaacttattc aaacacttca gcagctgcaa atttcaagag cctactgtac tgaaggctgt 240
tctgcagtta cattcccctc tgggagacag taaactggcc ca 282

<210> 34938
<211> 175
<212> DNA
<213> Homo sapiens

<400> 34938
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gtggccaatt tgtgcctcaa ctcttggcc atctcctagc taccaaactc aagcgtttcc 120
tccttagcaa aggcggacgt agggctcaaa tccccgacgt ttccagggcc aacc 175

<210> 34939
<211> 177
<212> DNA
<213> Homo sapiens

<400> 34939
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cagtcatggc tcaactgttc cttaaaactc tgggctcggg cagtcttct gtgttagcct 120
cctgagtagc tgggactgca ggcatgtgcc accatgcccg gctaattgtt taatttt 177

<210> 34940
<211> 174
<212> DNA
<213> Homo sapiens

<400> 34940

cctataatgc tatcagaaat aattgctaaa attctaattt tatgctttta atatttttat 60
 tgaaaaatac acaattatit aaatcttcta ggtcatacag acatattttc catcaaaaag 120
 tttgtaccat tttttactgt aatcaccact ctccatgcca acaagaatac cagc 174

<210> 34941
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 34941
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 ggtctccgga ggccgggatt cgcggagggt ccaccagcag gaagaaacc caggaggaag 180
 aaacctcaga cagatcgccg gggaggcagc gcgggatccc agcctcaggc gtgcgcggac 240
 ggtgtgcggc taccgaagg gcgaaaaaga aagaaggcca aagggaagaa ggtggtgcta 300
 kbccttgccg tcttgaaaaa gcaggagacc atgaaagtgg tgaatcttcc atttgagaaa 360
 tttggcactg gacaggac 378

<210> 34942
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 34942
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 gaagtcattc ttgtccagcg gacacgcgga ggcgctgtgc tcatgctggg atgcagacca 180
 tgcccca 187

<210> 34943
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 34943
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 atcagaacat cagaactaca gaggaatcga gagaacgggc ccaaaatgtg tagggacctc 120
 agccacatgg cgccacatgg aggaaagcac ccaacatcat cactgtatga acctgtttaa 180
 acacacacac acatcac 197

<210> 34944
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 34944
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 tggcatctga atagaagctt agctagagaa gtggagttag agtccctatt ttaatgaact 120
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<210> 34945
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 34945
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cggagtggcg tgcgggtcag ccaggggtctg cgcctcgcag ccactgtgga aggagcgcgg 120
ccggtccagg acacaggaga ccactttgtg acttcaatgg cgaaggccaa attcagataa 180
tcgacgccag t 191

<210> 34946
<211> 370
<212> DNA
<213> Homo sapiens

<400> 34946
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gtattcatga ttaggagttt gtaagtagga agtgggtttt ctgtatgtac catatatcca 120
gttcattttca gttttcaaac taaaatccat atgtatttgc tgagaaagtt atttgaaatc 180
ttatattctg acaaattctg tacattacat ccatttgaag ttttgcata tcttaacact 240
tttgctttgc atttcaattg tacaaagtgt ttccaaaara atggttatag attcgactga 300
gctattacta acttctccat ttgatttttt atggatgtga aaatgctgct acttgtctat 360
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<210> 34947
<211> 228
<212> DNA
<213> Homo sapiens

<400> 34947
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aasccttttat attttctaaa tatgavaaat attttacaga gattacattt gaygcagctg 120
cttcctgaag acctagaggt bactttmmts ttrtaagcac attcttcaga ttgtcgtgtg 180
gggtgggtaac ttscgcbaga sttttctgga gatggntaat ccagccgt 228

<210> 34948
<211> 391
<212> DNA
<213> Homo sapiens

<400> 34948
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tgagagatga ggatccagtt tcattcttct atttgtggct tgccaattaa cccagcacca 120
tctgttgaat aggggtgtcct ttccccactt ttttgtttgc ttgccgaaga tcagttgact 180
gtaagtattt ggtttttattt atgggttctc tattctgttc cattgggtcta tatgcctgat 240
tttataccag taccacactc ttctgggtgac tatggncttg tagtatagtt cgaagtcaga 300
taatgtgatg cctccagatt tggttcstttt acttarcyc acyttggcgt tgcagatttg 360
ktctttttac ttagtcttgc tttggctatg c 391

<210> 34949
<211> 197
<212> DNA
<213> Homo sapiens

<400> 34949
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tttaagcagt agactccctt tagtacggcg ctgtgagcct ctgagtgaa ctgctacatc 120

cattccaccc acgggtcttg aaacttgtct gtttaccttt ccctaaaaac ctaagatata 180
tttttaagaa gtgcctc 197

<210> 34950
<211> 326
<212> DNA
<213> Homo sapiens

<400> 34950
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ttcccttaat aatatttatg ataccaggac agtgagggtg taagagcaaa tgtagtggg 120
tattcaaaaa tcctgcatat atggactcaa aagttcttta gttatttgaa ttatatatag 180
ctatattatt ttattagctt ggggtgtcag aagattgcca attttaagag taaagaggag 240
agagataagt aataaraata gaggagggga agaaaatggc tcccttactg gtcttagtaa 300
tcttctatat agttaatgag ctaaaa 326

<210> 34951
<211> 325
<212> DNA
<213> Homo sapiens

<400> 34951
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acatacattc taatcacaat tggaactggt tcaaccaca acttttact catcttcaga 180
atggaagata tgaaggtaag attgtcagaa atgtggaatt cacgggccag agggagggga 240
tagacaaaca ctaaatgacc agatctcttt ctgggacaca ctgggcaggg cctgtttgca 300
gggaaagtgc agagatccta gggcc 325

<210> 34952
<211> 306
<212> DNA
<213> Homo sapiens

<400> 34952
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atgcaaagac cttgcctggc ccggtggcaa gcgctgaaaa accgaccgcc tgtaggctcc 120
tggaactata cagataggta atgagttcca agttcgtcca gcccatgtgc aaagtcaaca 180
gtatttgctt taagatttca tatatatata ttttttgca ttgactgctg agagctcctg 240
tttactaagc aagcttttgt gtttattatc ctcatcttta ctgaacattg ttagttttgg 300
ggtaac 306

<210> 34953
<211> 339
<212> DNA
<213> Homo sapiens

<400> 34953
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gggctttcag cagtacctga aatataagtaa gtgttacata tatgtttact ctttttatct 120
tatttggaat tgtgaactga taataattga agcctacctg ctagtggcca tctctgctgc 180
caggtgaaaa gagcctgact tagaatgaag tcagcgaagg aaagcagagt ggagagaaaa 240
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gccctactgt gctgaatagc ttctgtctgc tcttttcta 339

<210> 34954
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 34954
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 atccttataa aatactttct agccctaacg gggcttgat acacatgcat gcwtgcactg 180
 gtgcacacac acacttgttt cactaagaaa aatatgtgar agcttgata tctttttgag 240
 tattaatttt tgagcccc 258

<210> 34955
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 34955
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 aagaggccgt ggtgggacta gaatcccagt gccgccccca agagttggac caaccacccc 120
 cctacagcac tgttgatgata cccccagcac ctgaggagga acaacctagc catccagagg 180
 ggtccaggag agccaaactg gaacagagggc gaatggcctc agaggggtcc atggcccagg 240
 aaggaagccc tggaagagct ccaatcaacc ttcggcttcg gggamcacgg gmtgtgtcca 300
 ctgctcctga tctgcagagc 320

<210> 34956
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 34956
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 atatgaatat accagagtat aatctgtcat aggagaggtc aagccaagtc ttaggtcttt 180
 cagttagaat ttcatacaat agtacatttc ctttttgagg tgtgtatcat actatcttta 240
 gtgctagarg taatacttta gccaaagcaga 270

<210> 34957
 <211> 83
 <212> DNA
 <213> Homo sapiens

<400> 34957
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 tgagatctag cttttttttt ttt 83

<210> 34958
 <211> 464
 <212> DNA
 <213> Homo sapiens

<400> 34958
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gtttggagga	hvcaggccta	caggttctta	ggccactgca	ttctctgggt	tcattggtgtg	120
tccctataaa	aggccaagga	aactcgatat	aataggcttc	gctctctctg	gcacttccta	180
gcttggtcca	ttttaatcac	aagccagctg	gtctgagggc	acgggggtat	gtgccaagga	240
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tgcatcaata	tatgtgtata	tatatatatt	ttacagtgc	caaaggcctg	caagttctgt	420
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<210> 34959

<211> 318

<212> DNA

<213> Homo sapiens

<400> 34959

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tacttcctct	ggaaaacctt	ccttaattgc	tttatatact	tatattcaca	cataatttta	180
cataaattta	atgtttataca	ttttctgtaa	tcattgtttt	tacctatttt	ttcttaattg	240
gaattgtatc	acagtttgat	ctgggaagca	gaacgacttt	aatgataca	gaaaagggat	300
tatcagccag	gcgcgacg					318

<210> 34960

<211> 277

<212> DNA

<213> Homo sapiens

<400> 34960

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caagaaggag	gtcccaaagc	ccaagggtga	ggagaagaag	gaacctgctg	tcgaaaagcc	120
caaagaatcc	aaagttgaag	ccaagaagga	agaggctgaa	gataagaaaa	aagtccccac	180
cccagagaag	gaggctcctg	ccaagggtga	ggtgaaggaa	gacgctaaac	ccaaagaaaa	240
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<210> 34961

<211> 197

<212> DNA

<213> Homo sapiens

<400> 34961

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tccccataca	caattgccct	cgcttttagc	ctccgggtc	ccggcgcaga	gcccaggggg	120
ctgctgtctc	ccacgtcact	gctcaattat	atgcaccgag	aaagagaagg	gacagacctt	180
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<210> 34962

<211> 236

<212> DNA

<213> Homo sapiens

<400> 34962

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aaaaatttat	tatttctaac	cctttctcga	atttcgttac	ctatgttttg	taagcttttt	120
tcttccactg	gactcattgg	gaactttcca	aaattgtgca	caatttcata	attttatttc	180
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<210> 34963

<211> 207

<212> DNA

<213> Homo sapiens

<400> 34963

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gaaataaaat	ctcaatatct	ctatatcttc	taatgaaatt	gaaacagtaa	tttaaaatca	180
cccagaaaaga	aaattctaga	ctgtact				207

<210> 34964

<211> 272

<212> DNA

<213> Homo sapiens

<400> 34964

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cgacctgaat	ctgaaagtgc	ttctaaaccc	catgcttcac	agaacgttcg	gagggggagg	120
cgctccgtgg	gggctgctgc	gtgcccattg	agccgaactg	actcgaataa	aagcgtgtcc	180
acgtctacat	cacacatctg	tgtaaatgca	gaagcctkyg	gatgcgcggg	gctggccaga	240
cttcacagtg	tgcagacaca	tgggctcatg	ca			272

<210> 34965

<211> 202

<212> DNA

<213> Homo sapiens

<400> 34965

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aggctgaggc	aggagaatgg	cgtgaaccca	ggagatggag	cttgcaagtga	gccgagatcg	120
cgccaatgca	ctctagcctg	gacgacacaa	ggagactcca	tctcaaaaca	acaacaacaa	180
caacaacaac	aacaacaaca	ac				202

<210> 34966

<211> 181

<212> DNA

<213> Homo sapiens

<400> 34966

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tccttccctc	cctccctcct	tctctctctc	cttcccttct	tttccctttc	ttctttttct	180
t						181

<210> 34967

<211> 321

<212> DNA

<213> Homo sapiens

<400> 34967

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rgctagagat	ctcagagaaa	tagctggctt	aacaatgaca	gaacagctta	aaatttgtgc	120

ctacaccatg	ttctgagagt	cgttcacatc	aaattcttat	cttttccaag	ccagtaagtt	180
ggcttctcca	ttcctggtgt	ctgatattct	tgacaatcat	cagcaacaaa	gatcacagca	240
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tgawaacagt	gttataatgc	a				321

<210> 34968
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 34968						
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aggcacttct	aggcgaaatg	gcattgtcag	aatcccttca	tgtggaggca	gaattggggc	240
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<210> 34969
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 34969						
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agtcccgtct	ctactaaaga	tacggaagtt	ggctgggctg	ggtggcgctg	gcacctgtaa	180
tcccggctac	tcgggaggct	gaggcaggag	aatcgcttgg	acccgggagg	ccgaggttgc	240
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 <211> 274
 <212> DNA
 <213> Homo sapiens

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aaatggggaa	gctgatagct	gatcagcttc	cttgggtttt	gctgatgaca	caagagagct	180
ttgcctgaag	atggaaacac	tggagtcaga	actgacctgc	cctatttgtc	tggagctctt	240
tgaggaccct	cttctactgc	cctgcgcaca	cgcc			274

<210> 34971
 <211> 273
 <212> DNA
 <213> Homo sapiens

<400> 34971						
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caaaaagtctg	cagcttcagt	cctgaagcca	gcgagaccac	gagccaccag	gaagaacaaa	180
caaactccwg	acacgccacc	ttaagagctg	tgacactcac	cacgagggtc	cgcggttca	240
ttcttgaagt	cagtgaagacc	gataaccac	ctt			273

<210> 34972
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 34972
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 gtatccytgt baactttcyg tctcgttgat cygtcyaaag ttgacagtgg ggtgttaaag 180
 tctccatt 189

<210> 34973
 <211> 385
 <212> DNA
 <213> Homo sapiens

<400> 34973
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 cggtgcagat ctgaaatcac atccagctcc tgatgtttt ttctccctct gactgcagag 180
 gaagtgttcc tacctgcagg aaggcacctg tcatacaggg cgttcactca gaccatctgt 240
 gctctgccct gagttcagtt gagaaaaatcc tattatcaaa tttggatttc ctggccccag 300
 aacttcccaa rgacctgtaa aatggaggga tttaccacct cacatatgtc cagttaarca 360
 gtttgtggac ttgtaaccgt cgcca 385

<210> 34974
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 34974
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 ccatacctggc caatgtggtg aaaccccgtc tctactaaaa atacaaaaat tagctgggcg 180
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 yycgggaggt g 251

<210> 34975
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 34975
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 gcagatctct tgtcctactt ccagcagcca 150

<210> 34976
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 34976

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ctgaatcaaa	atatttgcta	aaatctgtct	ttagtatgtc	agttaagggtg	aactacattt	180
aaatataagt	vgtataattt	tgttacacat	tarcctaaar	vtgagtaatt	agatttttva	240
atgtttgtta	actatacatg	avtgacatac	caaatgasat	cttaaggmga	gagagcacat	300
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<210> 34977

<211> 295

<212> DNA

<213> Homo sapiens

<400> 34977

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tggttcacac	ccctggcaat	tgtgaagagt	tggccaaatg	tttgtccact	gagctgatct	180
cctctctgga	gcaccgaggc	caccagkagg	gagccawgac	aatgcwaact	ssagtgaaca	240
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<210> 34978

<211> 149

<212> DNA

<213> Homo sapiens

<400> 34978

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<210> 34979

<211> 94

<212> DNA

<213> Homo sapiens

<400> 34979

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<210> 34980

<211> 178

<212> DNA

<213> Homo sapiens

<400> 34980

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<210> 34981

<211> 257

<212> DNA

<213> Homo sapiens

<400> 34981

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tatagatata	caaattttatt	taagcttcat	gattcacata	ctgctgtatt	ccaatttaaat	180
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cagaaattat	gagtact					257

<210> 34982
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 34982						
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catctcccag	ctgcacgctc	gggcccggct	cagagcccta	agccctgcct	cccgtcctg	120
gccgggtttc	ccagaactgc	acggcgccct	tccgcccagg	ccaagcgcg	agccctcct	180
ccacaccgga	gtcccagccc	cgc				203

<210> 34983
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 34983						
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tctgaccact	ggccaagtct	cctcccggag	ccgcgtgcag	gtgcaaaagg	cctttgcggg	180
awyaacactg	gcgatgacca	aaaatgctcg	cgtgctggga	ggtgtgatgt	ccgccttctc	240
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<210> 34984
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 34984						
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gtgtgtggag	cgtggtgtgt	gtgga				145

<210> 34985
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 34985						
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taagacttac	tacatrratc	akgagtcact	attgacatct	actatatcat	atcataggtt	120
aggtatctaa	ttataaatag	tcaaatcagc	tgactcaagg	tggcata		167

<210> 34986
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 34986

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gcaccactgc	aggataaccg	aactcaaggc	ttaattaacg	gggcactaaa	caaaacaacc	120
aataaagtca	ccagcagtat	tactatcaca	ccaacagcca	cacctcttcc	tcgacaatca	180
caaattacag	taagtaatat	atatractga	ccacgctcac	cctcatccag	tccatactga	240
tatTTTTgca	aggwactcaa	tcctTTTTta	atcatccctc	gcat		284

<210> 34987

<211> 174

<212> DNA

<213> Homo sapiens

<400> 34987

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aggtgtttgt	ctttttcttt	ttcctctgcc	atctagctac	attttactgt	tatccagggtg	120
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<210> 34988

<211> 203

<212> DNA

<213> Homo sapiens

<400> 34988

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tgattatTTT	tacatagtTg	tcattaaata	tttgagagctc	tgctgtgcat	agagatggca	180
acatacttag	aatacacagt	ctt				203

<210> 34989

<211> 276

<212> DNA

<213> Homo sapiens

<400> 34989

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cattaatggg	cctcatctga	ctcctgcatt	gtgtcttatt	tttctgcatg	gattggcata	120
agaccattac	taaaatttgg	cacctgtgag	atgtttgata	ttatgaacag	gaaacataat	180
ttaatgtatg	aatagatgtg	aatttgggat	ttcaaaaatag	atgaataaca	actatTTTat	240
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<210> 34990

<211> 236

<212> DNA

<213> Homo sapiens

<400> 34990

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tgacccaag	gatatattat	kttattccaa	ganagatcag	gtaggcgaaa	agatgacagg	120
atacagagtc	aatccataaa	ctanatatTT	atractgttc	tgaattatac	agagtctaav	180
aatatgtgtc	agctacttca	ttcctgtraa	tactcttgct	gtgttataaa	tatggc	236

<210> 34991

<211> 349

<212> DNA

<213> Homo sapiens

<400> 34991

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gaccatatta	tatttggg	ta	tctactaata	ttttgtataa	agcaat	tttt	tg	ttccatta	180	
cgtgactttt	tg	ttttattg	tatatgtaat	ttaacacaca	ataaagg	gta	aag	ttgcttc	240	
cccaaaccac	acttttaatc	aaaacctaga	atcatctgca	gtccttg	tta	aaaatgcagg			300	
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<210> 34992

<211> 353

<212> DNA

<213> Homo sapiens

<400> 34992

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cagcacctcc	tac	ctcggt	ccaagatcat	caaagcctct	gagcagg	tcc	tcagcctagt		120
ggcccagttt	caaaagaaca	gcaagctctg	acagtaaacc	tctcctaaag	cacagg	ggccc			180
cggttaagaw	aacgatcatt	ttcaggagg	g	ccgggagtt	atgtatctga	agcagctttc			240
caagcaaagc	caaagttgac	tgtgttcttg	tcccg	cagcc	ggtccacact	gtgaggccag			300
gcctcarctt	ccctcaccct	gggcgtgaca	tgcacccagt	gcaagacggt	tgt				353

<210> 34993

<211> 226

<212> DNA

<213> Homo sapiens

<400> 34993

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caggggaagcc	ccagtgc	cctt	tcttcttcaa	gaagc	ctttt	cacactaaac	aaattcccta		180
gactattcct	gtctaa	acac	tatcgcaatg	acacgc	cctcc	cttgat			226

<210> 34994

<211> 55

<212> DNA

<213> Homo sapiens

<400> 34994

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<210> 34995

<211> 247

<212> DNA

<213> Homo sapiens

<400> 34995

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gggaacataa	tagatttgag	catttgaag	g	actggatttc	tgaattttga	atggtaggat				180
ggcttcgttt	tcagttaatt	attaccacag	atctaaattt	atgcagacac	cacagataga					240
cagggcc										247

<210> 34996

<211> 56

<212> DNA

<213> Homo sapiens

<400> 34996

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<210> 34997

<211> 262

<212> DNA

<213> Homo sapiens

<400> 34997

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cctgtgaaat gaaaagtttt gcaatataga aaaatattgt gttttctcct catgtttctt	120
tgccgaaagg tacactttat caattgtagt ttattactaa agacttgga ttccaactcc	180
aggacccttt ctttctctac agaaatgcca gtttgaattg tttatagttt gaattgtttt	240
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<210> 34998

<211> 291

<212> DNA

<213> Homo sapiens

<400> 34998

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gcctgctctc ggacatccgt tcagcagaca ctacctcttc gtsaccccct gccaccctg	180
acccgccttt acctcgcgtc tagaggacac agccagggat catcccgag cccgaactc	240
cttcacagac cccactagc tggggacgca gctcaggccc cctaccccca a	291

<210> 34999

<211> 184

<212> DNA

<213> Homo sapiens

<400> 34999

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tcctcctgtt agatgacagg taatgatatc caatatgara ttttcattat agtaatgcct	120
aacattttatt gagtgttgtg tgccagaraa tgttctgagt tctcctcatt ccaatatgtc	180
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<210> 35000

<211> 246

<212> DNA

<213> Homo sapiens

<400> 35000

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acagactata gaggttgcat gtcacacagg agagtcagac tcagcactgc ttacttttg	180
agagccgtct gatcatggaa tgcagtcaaa acccagcatt tatctttgga attgaaatac	240
gaagct	246

<210> 35001
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 35001
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 actcgatctg cgaaaaaggc aagtttctaattttccttgtt ttgctgggat tgtctcggac 240
 aggc 244

<210> 35002
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 35002
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 tgtatgtctg acaaggagga aagamgarra aagcccgcat a 161

<210> 35003
 <211> 391
 <212> DNA
 <213> Homo sapiens

<400> 35003
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 atgaggggtg aatatttgag aatgagatta gtgcccttgt gaattaggcc tgagagagat 180
 cccctcatct caccatgtaa ggacacagca gaaggtgcta tctttgaacc aggaagtgag 240
 cccttgccag aactgaacc tgccgatacc tcaatcttgt ccttctcagt ctccagaact 300
 gtgagarata aatttctggt gtttataaac cacctagttt gtggtatttc attaaagcag 360
 tgtaaacaga ctaagacact ccccatatgg a 391

<210> 35004
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 35004
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 mccaagagtt aggagggcca gggaattaat attttgttga gtatccactt gatttttaggt 180
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 tgttatrgat gaggaaaata gggtcaagta acttctctag agtcatatga ttagaaacag 300
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 t 361

<210> 35005
 <211> 64
 <212> DNA

<213> Homo sapiens

<400> 35005

casgtaggaa atcacctktk acttagsttc cagtagtcat taccaccttt tactgcayaa 60
ttca 64

<210> 35006

<211> 281

<212> DNA

<213> Homo sapiens

<400> 35006

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tttagagtgc ctaagggttac atacatacac acacacacga gttaaagaag acatggatac 180
cataaccaga cacatgagtt aaagaagaca tggataccat aaccaaagac attactagga 240
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<210> 35007

<211> 290

<212> DNA

<213> Homo sapiens

<400> 35007

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tgacctgagg tcgggagttt gggaccagcc tggccaacat ggtgaagccc tgtctctact 180
aaaaatacra aaaaaaggct gggcgtgggt cctcacacct gtaatccaa gcactttggg 240
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<210> 35008

<211> 227

<212> DNA

<213> Homo sapiens

<400> 35008

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ttacccgcta tatgacctga tgcttttctt tcattaaaga tgattctgga atgatcagca 180
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<210> 35009

<211> 373

<212> DNA

<213> Homo sapiens

<400> 35009

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cagtggctca tgctgtaat cccagcactt taggaagcca acattggagg attgcatgag 240
cccaggattt cgagaccagc ctgggcaaca cggtgaaacc tcatctctac aaaaagttaa 300
aarattaacc aacgtggtgc cacatgcctg taatcccagc tgcttgggag gatgangtga 360
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<210> 35010

<211> 116

<212> DNA

<213> Homo sapiens

<400> 35010

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<210> 35011

<211> 306

<212> DNA

<213> Homo sapiens

<400> 35011

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atattctgtt	atgattcagt	gttgcaactgt	aaacagagtg	tttagaaatt	ggggtttgag	180
aagtgtaacg	gctagtttcc	ttaaaagana	aaaaagattc	aaatgcttgg	tttgccggctg	240
gagctttttg	taaattaatc	aaattgagtg	cagtgggagg	ggtgattcat	taagtagaga	300
gctggt						306

<210> 35012

<211> 280

<212> DNA

<213> Homo sapiens

<400> 35012

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ctgccagcag	tttgtgaatg	gtgtctttca	aataacttag	ttcttatggc	ttcacttaaa	120
gactgtctca	aaaatacttt	gctctcttct	tcttttttgt	tcattgggaca	tggtacctaa	180
gcaaatagga	gttgggtttg	gtttttctcc	taaaataatg	ctcaatactt	acctaataca	240
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<210> 35013

<211> 253

<212> DNA

<213> Homo sapiens

<400> 35013

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tgtctgttcc	gtggacctct	accttctgga	ctccctacgg	gtgcagagca	cttgggtttc	180
tctacagcca	tcgtggccca	cttgacactg	tgctcctcca	tcagctggtc	acatgccaac	240
acgttcccag	ccc					253

<210> 35014

<211> 337

<212> DNA

<213> Homo sapiens

<400> 35014

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ctgtgtacta	taaagtattt	ttattggtat	ttagtcttgc	tggtattggt	gctaattgatt	120
gtattgaata	attaccagct	gttggttagt	atttgaaatt	aggtgcctaa	agcaacctct	180
catcttgcag	aaagtcatct	ttcttgaaac	tttttaaaaa	cttgcttgaa	acatggagac	240
ttggaatggg	acgtctatca	tagtagcaca	tctgaratcc	ttctcattcc	tgctgtcatt	300
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<210> 35015

<211> 226

<212> DNA

<213> Homo sapiens

<400> 35015

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cgcacttcc	tggcgggcgc	gctcactgcg	ctccttcccc	tgscagagct	tagaagcaaa	120
gttaagagac	tcatcagatt	ctgagctgcg	gcgggatatt	ttgcagaaga	ctgtgaagca	180
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<210> 35016

<211> 185

<212> DNA

<213> Homo sapiens

<400> 35016

aacacatgga	ttttactgat	tcaattatgg	atgtgtgcaa	agaatctgct	gctcgctata	60
tggaacact	ttcagtttcc	caagttaaaa	catgaaattg	cacatcatca	tttgatccc	120
caaagaggaa	aagaaaaatt	cacaacctgc	cagtgaata	ctcaggccac	ttggatgaag	180
acgcc						185

<210> 35017

<211> 274

<212> DNA

<213> Homo sapiens

<400> 35017

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gctctcatta	tttttaaatg	atttaagaac	gggtaaagat	cttacagcgt	atactgcagc	180
tctaatagtt	ctctgcttac	tgcttctgta	taagagtatt	aaagacagat	gggcaaggcc	240
gattttaaacc	aattacagcg	tttcatgtac	acgc			274

<210> 35018

<211> 180

<212> DNA

<213> Homo sapiens

<400> 35018

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<210> 35019

<211> 107

<212> DNA

<213> Homo sapiens

<400> 35019
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<210> 35020
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 35020
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 agaaagatgg acacgctcaa gaaaggcacc ccggcccggg cacgggaaag acacacagag 180
 agaggcagga agactcgggtg acacgcactc ttgggcaaga ccgcgactca gacccccaga 240
 ccccccgaga gacgcccgaag acccagacag agccasgcag ccc 283

<210> 35021
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 35021
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 ataagtaatt gcttaattta agaaatgaag tatatTTTtcg tgtattattt gtagaatcag 180
 taacattaat ttataattac tctgggtata acacctaaaa gttttctgtg agagcct 237

<210> 35022
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 35022
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 agtcttacct agactataaa taagtagaaa ttgcttatgc atgtaaagt acagaattaa 180
 ttgaaatgga aactttccaa ttataatagg tctctctttc tccatgttat gttatgaaag 240
 cctctgttat atcaggaaaa cccctgaaa attttctcat ctgttgagga aagagataac 300
 aggtaatctt attgggttta agcttgragg mtaaatggaa acagcattcg tcttcaaag 360
 accaaaataa tctgcaa 377

<210> 35023
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 35023
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 a 61

<210> 35024
 <211> 281
 <212> DNA

<213> Homo sapiens

<400> 35024

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aaaatatgtt	aatgataaat	tctgttgkg	tacaatacat	tgtattgckt	ctggtttgav	120
atattcgtaa	ttcttttgta	atgttttta	gatgatata	vmacattaga	agcattcatt	180
ttggatttta	tcattggctc	ttatggrtca	aatattataa	ttttatttta	aatcaccgtt	240
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<210> 35025

<211> 209

<212> DNA

<213> Homo sapiens

<400> 35025

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ttgtaatccc	agcacttcgg	gaggccgagg	cgggcagatc	acgaggtcag	gagtttgaga	180
ccagcctggc	cagcgtagt	aaaccccat				209

<210> 35026

<211> 271

<212> DNA

<213> Homo sapiens

<400> 35026

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cattaaaaaa	gggatttggt	agcctgaatt	ccattttttc	tttaackyaa	aacataaggg	180
gttgcatwb	ccatactggc	agaatgtgga	atgggtaggt	gacttgaatg	ttgtcttttc	240
cacttagtat	taccgttcaa	aaccacgaa	t			271

<210> 35027

<211> 292

<212> DNA

<213> Homo sapiens

<400> 35027

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caggetgttg	acagctggga	tctgaaggcc	ctggaatgga	aagattcagt	ctcatattgc	180
ccaattcgg	tcgctggact	ctgctcagca	agcagccg	tgcaasatg	ctcttgttca	240
aactaagtga	gatggcctag	gtgaaaatgc	ttcaggaaaa	gcacacaaat	gc	292

<210> 35028

<211> 185

<212> DNA

<213> Homo sapiens

<400> 35028

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accatatttta	aaaatatctc	aaggtttctg	ttcattatga	aacatcaata	tgttttctac	120
catttgtaga	gaaatgaatt	ttccagtttc	aagtacctat	tcaaaaatttt	attaaaaacc	180
agcgg						185

<210> 35029
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 <212> DNA
 <213> Homo sapiens

<400> 35029
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 tgmgtgccgt gctaattaag ctaagcctgt cttttattct tctcaaaatt tgggaggata 180
 cccaaggctc attttccttg ccataaagaa taaccacaaa gctgtgaaaa taagacaaaa 240
 cagagttctc ttacaaaatt atctgtttgt yatatacttg assttcagtt gagaaaaacg 300
 gtacttgtag ga 312

<210> 35030
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 35030
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 gtggtgcacc agctatgagg ttgtctgtaa cccaagccat caaagggcct gtacatasct 120
 argrwgccat gagttgtccc ggcct 145

<210> 35031
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 35031
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 rgatgggagt yytkgsctct gttgccagc ctggagtgc gtggcatgat cttggctcac 180
 tgcacctctg cctcctgggt tcaagcaatt ctctgtctc agcctcctga gtagctggga 240
 ttacaggtgc acaccaccag gctcagctaa tttttttgt atttttagca gagatgggg 300
 ttcaccatgt tggccagact ggtcttgaa ttccaacctg aagtgatcca cccacctcgg 360
 cctcccaata gcaaattatt aatgatagca aattactatc tgtgacag 408

<210> 35032
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 35032
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 cctttgttct ttctattttt aaatgttctt tgaataccaa gaacatttat ccttcactgt 120
 aatatatgrm ac 132

<210> 35033
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 35033

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tttcttcgta	gcttcagtg	agcaaagtga	cttatcagag	agaactgaaa	gtctattgra	120
camcttctma	tcatgagttt	caacgtttga	tttccttggg	attagaggtc	tttgagcttc	180
attggtgaag	tcattacata	actacttggt	atgcaagtgt	agcagatgat	gtagtgaatc	240
tgtacagaaa	attaaatgta	tgacctggga	atgtttat	aacatgtttg	atggtggcat	300
cactagttta	caaaaggagc	agaactttgg	ttgtgaaata	ttttagtaca	tcctatggca	360
ct						362

<210> 35034

<211> 299

<212> DNA

<213> Homo sapiens

<400> 35034

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gctngraagt	rggcgatcaa	gtcctgtagg	gtctgcagga	cttccttctat	aggcaggggtg	180
atgggggcag	ctgtgcgatt	gtttccgcta	aaaaccatga	gattgacatg	gttttaggcac	240
cggccagcag	cagggccctg	atgaacaccc	actgggtccc	actcctaaca	gccccccac	299

<210> 35035

<211> 327

<212> DNA

<213> Homo sapiens

<400> 35035

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atcaggctca	tatacatgga	cacaccgacc	tgtgcaactc	tgcagccagg	ctgrcttcam	120
yttgsccttt	ggtttaatat	cagacacaag	gagcctggct	atgaggggtct	ggtggggact	180
ggagtttagta	taatgcgtct	ggcacagtga	cagccatgca	gggatgaccc	agggtttccc	240
ttgaccttgc	tgctgactct	gtagcttcga	cccacagctg	cttcctgagt	ggacactgcg	300
tgagtcacac	tgggtctcgt	gcttggt				327

<210> 35036

<211> 247

<212> DNA

<213> Homo sapiens

<400> 35036

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aaatgattga	tgcagtcagg	atatgcaagt	tttaaaatgt	taccatctac	actaaatcta	120
dcagtaatrm	catctaaata	ggaggtaaaa	tgagaggtgg	cttgataacc	ttcttggttg	180
tctttccttc	tctcactttt	tacagaactt	cttcgttttc	ctgctgcttc	tcactcttcac	240
tttttt						247

<210> 35037

<211> 302

<212> DNA

<213> Homo sapiens

<400> 35037

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ggtcttcatt	ttcttatttt	aggagaggcc	aaattgtttt	ttgtcattgg	cgtgcacacg	120
tgtgtgtgtg	tgtgtgtgtg	tgtgwaaggt	gtcttataat	cttttaccta	tttcttacia	180

ttgcaagatg actggcttta ctatktgaaa actggtttgt gtatcatatc atatatcatt 240
 taagcagttt gaaggcatac ttttgcatag awataaaaaa aatactgatt tggggcaaad 300
 ns 302

<210> 35038
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 35038
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 aagccaaatc ttatcctgaa tgtagatggt ctcatcggag tcgcatttgt agrwtttaac 120
 cctcctacaa gcctcaga 138

<210> 35039
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 35039
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 ccacttttta ttaagctggt ttgtttaaaa gcttttggtt ataggcatga 110

<210> 35040
 <211> 458
 <212> DNA
 <213> Homo sapiens

<400> 35040
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 aatattcatt gcaaagcatt ctttgccatc ttgaatatc catccctagt agtttgtttt 120
 grataacsat ccagcccat gggtattagt acttggtcac tgaggactcc tagatttagg 180
 tctagcccag agctttctga ccactcaaca catacatctt aatacattcc aacagaattc 240
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 gctagaatct gaccactgct taacaccttc actgctacga ccttgccctga gttgtttcct 420
 aaggagccag agggagtctg ttaaaatgta ctcggaaa 458

<210> 35041
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 35041
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 taattacagg tcattgctct tttccagtgc acccacttca gaagctgtga tttcactata 180
 cgtacttgga aatcnntggt atttgtagc tattattttg aagaaattat taagatgtta 240
 aatttcatga tctttatatt aaaatttcaa acaaataatt tcgtactaaa taattatatt 300
 aaactttcat agtttccttt cttttcagga aggagat 337

<210> 35042
 <211> 87
 <212> DNA

<213> Homo sapiens

<400> 35042

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ctttcagact ccttctasga ggctagt	87

<210> 35043

<211> 455

<212> DNA

<213> Homo sapiens

<400> 35043

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cttagatgct gtctgccctg taaatttga tctgggccc cagggcagtc aactcttcta	180
gcacaggctg aaaacacgtg tgtgtcaact gaggttcaca ccacttggg aatgagcctg	240
ttttcttttc aggtcaggcc ctgggtgtgag atcaatttta gggctcctaa ttggagcaca	300
gaaatgtatt tgggtcaaatt tcattgaagg tgatttcttc ctttttctgt tgtactttat	360
ggaaaaacca agatggaacc tgaaagttaa tgtatccttg ctttttagcaa gagactcagt	420
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<210> 35044

<211> 150

<212> DNA

<213> Homo sapiens

<400> 35044

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aaaacgtatt aaattataaa atatattcct atttttataa aatgtagaaa ggatatatga	120
cttctgattg agatgttaaa gtgagctcaa	150

<210> 35045

<211> 408

<212> DNA

<213> Homo sapiens

<400> 35045

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gttaaaatat catattgatt ttttagtttt gcattcaatt gttctcactg aagaatataa	360
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<210> 35046

<211> 286

<212> DNA

<213> Homo sapiens

<400> 35046

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tgratcatta aaatgagagt attgtaagta aaaacagact aaagtacaga gagaatctca	180

ctgtcactgt gktcactgc aggggtctttt gtaggttaaag tgatctttct atcattttta 240
catcttttaac atccctaact tttaagtact tttttgtcca tcgccc 286

<210> 35047
<211> 420
<212> DNA
<213> Homo sapiens

<400> 35047
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csttcaagga tctcaaattc agtgacctta gctcctccag taaaaccggt gttaaacaat 180
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aaaagcaaca attaaaataa taaggcagaa tgcaatatgt rktttaaaaa taagagacaa 300
aataatacaa caaaccagtc tgtaatatta gagartaata tgtagtcta ccaacagggc 360
agacttcgag ttcaatagaa aactcacttc gtgtgtatatt acatatgaac gttccctttt 420

<210> 35048
<211> 339
<212> DNA
<213> Homo sapiens

<400> 35048
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raagggtctg gdagkcttca ctgcaaacat ttgattctga tctactcaca tacaaggaaa 180
tgtagattgc caagaccaa actagagggg gggcttccca tcagggtttt cctgtgtgga 240
gatgacaggg gaaacagggg ggaaatccta attatggcdt gtcctcttcc ctgaattgct 300
gtctacgaca grktagttcc aatgtaaaca aggtgggtt 339

<210> 35049
<211> 104
<212> DNA
<213> Homo sapiens

<400> 35049
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tamagttgcg ctgscaggg nccgatgttg cgcgaggaaa atgc 104

<210> 35050
<211> 312
<212> DNA
<213> Homo sapiens

<400> 35050
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tggaagaagag cggggactcg gcgaccctgc cctcccagacc ctcatgttcg ragagcctga 120
gttggsagag gcgbcccagt agccgcgggc cttgggcccg taatctcacg acctccgct 180
gcggcctnct cgcaaaacaa ggyycaagc gccgccagct cttggccaca ttacgggccc 240
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<210> 35051
<211> 382

<212> DNA
<213> Homo sapiens

<400> 35051
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ggtycgragg scytgcgcac cgcgcgwkcc gcagcctgcc ccgcggccaa catgagcttc 180
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ctgtcatgct tctgaaggg gaagatctca atgaatgggt tgcagttaac actgtggatt 360
tcttcaatca gatcaacatg ca 382

<210> 35052
<211> 397
<212> DNA
<213> Homo sapiens

<400> 35052
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ccaactactc ctctgcatgt aactttccca gtgctttcac acacttggaa gagagsgttc 120
caaktyccch gtggttttac aggccttgcg tggcctggct cctgcccctg cccaactcac 180
tgccctctc cccaccactc acccctcact ctgcctcagc cacatgggag cagttacttg 240
aacacacaga accctttctt gccttaggaa tgtggtatta cctattggct ctgcctagaa 300
tgcacttgcc cctgtcctca cagaactgat tctttcttat tggtcacagc ttagcttaaa 360
gkcacctctg tagaaaagcc actcagacac gactgcc 397

<210> 35053
<211> 117
<212> DNA
<213> Homo sapiens

<400> 35053
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acaatatgtg aatatgttaa attggaatta tgttcttaaa aactgaagtc tgttgca 117

<210> 35054
<211> 361
<212> DNA
<213> Homo sapiens

<400> 35054
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cttctctggs tcaagcmaga atggttttgc tgctccatgt gatattagct gggatcactt 180
aagagatttg ttctgctggg aactcagctt ggcttgaac atcgaagaag acggagtctt 240
tctctgtccc ccaggctgga gtgcagtggg gtgatcttgg ctactgcaa cctccacctc 300
ccgggttcaa gtgattctcc tgcctcagcc tcccagtag ctgggattac agtcgcccgc 360
c 361

<210> 35055
<211> 190
<212> DNA
<213> Homo sapiens

<400> 35055

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gactgggctg	ttttgaaggm	agaaggactg	gcagaccagc	tcttgggaaa	sctccattat	120
tgctgtggga	ggctggacct	gaacttgcac	ctatgaacaa	ccctgccatt	tagagctttt	180
tcctgaggcc						190

<210> 35056

<211> 300

<212> DNA

<213> Homo sapiens

<400> 35056

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ccagcgccac	ggggtggacc	tggaaggggc	ctgtgaagcc	tccttgccct	gtccacctg	180
ccatgtgtat	gtgagtgaag	accacctgga	tctcctgcct	cctcccagg	agaggggaaga	240
cgacatgcta	gacatggccc	ccctcctcca	ggagaactcg	cggctgggct	gccagattgt	300

<210> 35057

<211> 207

<212> DNA

<213> Homo sapiens

<400> 35057

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tttaaakttt	kkaaatak	attttggtgc	tgtgtgtggt	aagagacttg	ttcctaktgg	180
atcaatgaac	catctcttct	gggcgta				207

<210> 35058

<211> 147

<212> DNA

<213> Homo sapiens

<400> 35058

atttcttttc	tttctttttg	aaacagaagt	tcatgggcaa	agtgtcaggg	ccctgccagg	60
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aagaatwaac	tgtgtttttt	tgtttttt				147

<210> 35059

<211> 444

<212> DNA

<213> Homo sapiens

<400> 35059

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aacttggmtt	ycaaaactct	ggcctccaga	acgacaaagt	cttgcttgct	ctgtcgctca	180
ggatggagtg	tagtggtagt	atcttagctc	actacaacct	ctgcctccca	ggttcaagtg	240
attctcctgc	cttacgctcc	caagtaactg	ggactacagg	cacacaccac	cacaccagc	300
taatttttgt	attttttgta	gagacgggg	tttaccacgt	tagccgggct	ggtcttgaac	360
tcctgacctc	aggtgatcca	cccgcctcga	tcgcccatta	ttaacaatca	aatggctggt	420
cttcatggta	ctggtacaaa	aaca				444

<210> 35060
 <211> 216
 <212> DNA
 <213> Homo sapiens

<400> 35060
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 agccatatgt agaaagctga aactggatcc cttccttaca cttatacaa aaatcaawtc 120
 caagatggat taaagactta aacgttagac ctaaaaccat aaaaacccta gaagaaaacc 180
 taggcattac cattcaggac ataggcatga gcaagc 216

<210> 35061
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 35061
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 cgggcgggtc tggcgcccca acccctgct gccagtcagg gcgcacaaac cccaggrgr 120
 raaggcggaa gcagcagcga ctctaaaggc agccccaggc tggctaaagc g 171

<210> 35062
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 35062
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 agtttaaatgc ataaattagt agatctatta gataatttat gattttttct tgattgattt 180
 tcaaggcctt aaagggttaat aattgttagt attgatacct taccttctca tattgttcat 240
 gacaatagcc agagctattc tttcaaacta gttagctttc tcttttattt attgtattt 299

<210> 35063
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 35063
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 akgaagtct gttactacta cracggggat rttggaaatt actattatgg acaaggcccc 180

<210> 35064
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 35064
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 gctgggtatg gtggcttggt cctgtaattc tagcactttg ggagata 107

<210> 35065
 <211> 259

<212> DNA
<213> Homo sapiens

<400> 35065
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tgagagtgtta agaaaaccca gagacattca tatagtttca gttatcagag tattagacca 180
gactttat tttt gcaatttgtt caacagagag attttatttt gatacagata ttaagcataa 240
agcatagtaa gttttatat 259

<210> 35066
<211> 340
<212> DNA
<213> Homo sapiens

<400> 35066
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aatgccaaaa agcaagavat tattaaagca taccgaaaat tagcactgca gtggcaccca 120
gataacttcc agaatagaaga agaaaagaaa aaagctgaga aaaagtcat tgatatagca 180
gctgctaaag aagtcctctc tgatccagaa atgagaaaaga agtttgacga cggagaagat 240
cctttggatg cagagagcca gcaaggaggc ggcggcaacc cttccacag aagctggaac 300
tcatggcaag ggttcaatcc cttcagctca ggcggacccc 340

<210> 35067
<211> 246
<212> DNA
<213> Homo sapiens

<400> 35067
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ttatatctca cttgtcttat tattgaatta catttatcct gctttgcaga ttttataata 120
atctcaaaaa gaattgactg tagttgtctc cagtagactt ttaaaaaatt gtcaattaag 180
gttaccttct ttagaacttg ttctctttat ttactattat gtttaaactc attttacctg 240
tgctaa 246

<210> 35068
<211> 246
<212> DNA
<213> Homo sapiens

<400> 35068
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aatactcaca aattatttag tatacctgaa tcttggttcc tttttataac tgagtaataa 120
tggttacatc tcaggtagtt tgaggattga ctaaaaaaat gcgagaatgt tgtatgtgac 180
tgaataacaa tttttactct gcgaascaa gtaaatataa tattatcagt aactttatcc 240
ccagta 246

<210> 35069
<211> 378
<212> DNA
<213> Homo sapiens

<400> 35069
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tggggggagg	gctcttttaa	aacttcagcc	tcagttgttt	aacagtctct	ttaatatatt	180
aatctgcact	aacatctctg	tgatatatgc	acatatttta	gaggtaatca	tgtcttctag	240
attacttggt	tgcatttgat	tgggcttctt	gtttagggtc	ccttttaara	ttaattcatt	300
agattgaaaa	atgtattcta	tatttctgat	agactggaca	gaaggatctg	tgtccccaag	360
tgagacaggc	tctgaata					378

<210> 35070

<211> 264

<212> DNA

<213> Homo sapiens

<400> 35070

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tacagacact	tatggacttc	actatagtgg	ctctcaacca	agaataattt	tgcaccatgg	120
ggagatacgt	ggcaatctct	agacacaatt	tttatcatcc	ccactgggaa	atgctactgg	180
catctattag	ataaagggtca	gggatactgc	taaacatact	agaatgtaca	agacagcccc	240
caccacaaag	aattttccag	cctc				264

<210> 35071

<211> 375

<212> DNA

<213> Homo sapiens

<400> 35071

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attatatcag	aggggtgataa	atgctgtggt	gaataataaa	gcaggagagag	tctagggagg	180
ggtccagaga	gttcccggaa	ttccctccct	aatgagatga	tctgaagaag	atgaaggaac	240
aacctatgta	gctttctggt	ggaagacatc	ccaagaagag	ggcagggcag	ccctgaaagc	300
cccagagcag	tgggtgtgtt	agagtgttta	gtgaacaagg	tggcaaggag	gtcagtkgct	360
ggagcagcgg	gagac					375

<210> 35072

<211> 229

<212> DNA

<213> Homo sapiens

<400> 35072

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gtagaactct	taaaatatta	ttatcatcta	ttctgccttc	ctggtttgta	gatacagaga	120
catcccagag	aggttgatga	ttatccagat	ttccacatca	agttgagatt	acagtggagg	180
gtgcgttcga	aagtaaaaat	aacttctcct	tttgaatttt	gatggctat		229

<210> 35073

<211> 273

<212> DNA

<213> Homo sapiens

<400> 35073

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ctagtgtttt	wgtttatktt	ttttaaataa	tgcccatgtc	tcctgctgtc	attctctgag	120
accaccaaat	agtttaatac	ctggagtcag	agataagaat	aaacaggctt	aagatacttt	180
aaataatggt	caatactata	tacttggtca	tatcattagt	gagcatattt	ttcttttggg	240

aagtaactaa tgctttcctt aaggccaggc gtt

273

<210> 35074

<211> 331

<212> DNA

<213> Homo sapiens

<400> 35074

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gctggacatg	gtggctcacg	cctgtaatac	cagcatttgg	gaggccaagg	cgggtggatc	180
acttgagtcc	aggagtttga	gaccagcctg	ggcaatatgg	tgaaaccccg	cctctactaa	240
raatacaaaa	attagccggg	tgtggtggca	cacacctgta	atcccagcta	ttcgggaggc	300
tgaggcacaa	gaatagcttg	aaccaggag	c			331

<210> 35075

<211> 176

<212> DNA

<213> Homo sapiens

<400> 35075

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gcacatgggt	ttgagaacag	gaactgtaaa	tctgttggcc	saatcttaac	atttttgagc	120
tgcattttaag	tagacttttg	accgttaagc	tgggcaaagg	aatgacaag	gggaca	176

<210> 35076

<211> 82

<212> DNA

<213> Homo sapiens

<400> 35076

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tctttttttt	tttttttttt	tt				82

<210> 35077

<211> 455

<212> DNA

<213> Homo sapiens

<400> 35077

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gccaaatgca	catttacaaa	tacaaatgac	tgctcaggtg	ctgtattgac	agaatgcctc	120
tgaaagggtt	tctggcshtg	aagtaattgc	acatgcacca	gagataaaca	ttgagaggag	180
atcaatttaa	atttaattctg	acatcatcta	ctgtcaccca	gagcaagtgc	taaaatatat	240
ccattcaatc	catagcattg	caaatggggt	ctataatgtt	taagataaag	cctctgctag	300
tttgttttat	gagggccama	gattatcaca	actaatacag	tatgaactgc	ttctgctagt	360
caagrmatat	tttatgatta	amtcttaaat	gtgagamatt	cachgaaaac	actcaaaaca	420
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<210> 35078

<211> 280

<212> DNA

<213> Homo sapiens

<400> 35078
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 aatttagata cttataaatt gtacactttt aaagtatgca gttcagtggc tagtatgttc 180
 agagttgtgt aaccatcacc actgtctaata tccaaaacat ttttatcacc ccaaagggaa 240
 accatcacca atcactccct attcctccta cccagcccct 280

<210> 35079
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 35079
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 gagctggagc agtaccagtt gttgccgaag agattggact gggagggcaa cgtgcac 117

<210> 35080
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 35080
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 acttgtagct ttccttacat ttcattcaca tcagttgtgt acaggcccca tgctgggggtt 120
 cgtaggaatc ccaaaccacc cgacttatgt cctcccttc aggaggctcg tattagaggg 180
 tgaggtgcac atgtaagcag cgagtatgca tgtgcccata attaaataag cgccttaggt 240
 gcaagcvtcg aagggggagt gcaaagaccg aaccgtgtat tctgattcag gagag 295

<210> 35081
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 35081
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 acgcttttta aaaaatcaaa tttggaaaat atcaaatgga attacaggca ataagcataa 120
 cccagt 126

<210> 35082
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 35082
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 aagtggtag nmncagcag ccagtggtag gaagggatcat caagtcagtt gtcagaaacc 120
 tcaactkatgt cactgtwtah gctatgtgac cctgacctag ttccctggcc tctcttgatc 180
 tcagttgctt tatctgtaaa atttcacatt tktcagcaag tcaaccttcc atgttcctct 240
 ca 242

<210> 35083
 <211> 455
 <212> DNA
 <213> Homo sapiens

<400> 35083

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ttagcagact	ttcctcggtc	cttaacatgt	gttcttacag	tataacttgc	agtttcttgt	180
atgtcaggta	gctgttaggg	tcttgttctg	tgaagatggc	atggtgccct	cagcctttgc	240
atatactctc	tcagtattaa	ctcccagtaa	ataataacca	accaaccaac	caaccaaact	300
tccctctccc	agcccccgag	gctagaaaat	cttgctgctc	cgtcttagca	ttccaagaaa	360
gtgcttccag	gtatttagat	agccctcagt	tctcaaatat	tagactacgt	gtaaaatctt	420
gggtacttta	gattcttgta	acactagtct	gtact			455

<210> 35084

<211> 258

<212> DNA

<213> Homo sapiens

<400> 35084

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agttgtacat	acatgtgatt	acttctgttt	tttacaccca	catacagtac	aaaagattat	180
taaaaatatt	cccaaaaggc	aggtgcaatg	atgcacactt	atacccccag	ccactcagga	240
ggctgatgca	agagtcac					258

<210> 35085

<211> 330

<212> DNA

<213> Homo sapiens

<400> 35085

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ggcaaaagga	gtgagatgaa	tcaaaaccag	tgaacttttt	tttttaattg	ttkkwaaakt	120
ccctttkaac	ccadtgtacw	aggtcaatca	ggaggcatct	ggaaaggggg	ggaaaaaagc	180
aaaaaacaaa	wttaaaaaaa	attgatttcc	atatttwatt	tttcaaaacc	ctaaaaatatt	240
acaaaataag	tcccgcata	actttaacgt	tttaactctt	ttggacaaaag	garkcawtta	300
cttgaagtkg	ctttwtgtga	ctctgcccac				330

<210> 35086

<211> 244

<212> DNA

<213> Homo sapiens

<400> 35086

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cacaggcaag	gcacaagtga	tacggctccg	atgagtgcag	gaacactagg	gtttttkgtt	120
cttatgctgg	tttagataaa	acgacaccga	cacacgtgga	gtggttttta	ggagcggaga	180
gtttaatagg	caagaaggga	aggagaaagg	cagaaagaag	aaagtacaga	gacagaggga	240
gttd						244

<210> 35087

<211> 365

<212> DNA

<213> Homo sapiens

<400> 35087

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ggaactggaa	tttggcctgg	catattttgt	cctgtccttg	ttctattgga	tgtacgtcgg	180
gacacgaggg	cctgaagaga	agaaagaggg	agagaagagc	gcctactctg	tgttcaatcc	240
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gagaccctg	gcagggagat	aggaccagc	tgtgctgtca	tgcagctaac	ctctgatgtg	360
gtctt						365

<210> 35088
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 35088						
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agtccacgta	cacctaattg	acacagatat	aatarragka	caaaaatctt	agctcccatt	120
aaaaccttcc	ctgc					134

<210> 35089
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 35089						
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ataatttgk	tttttatcma	agaacaacac	ttatcggtat	gtattgtgtt	agttatattg	180
ccagtctgtt	gcactgactc	aaaaagttaa	atgttgccac	tgc		223

<210> 35090
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 35090						
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ttgcagatgg	araaattkra	gtctctgaga	ggtaaggaa	cctgcccana	gtcagcaatg	180
cagtaccact	tcttgtgctg	ggacacagcg	ggtat			215

<210> 35091
 <211> 266
 <212> DNA
 <213> Homo sapiens

<400> 35091						
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ggtgcaaagc	gttcctgcag	aattgcttcc	acgtaaaggg	accttcggga	aatttcgctg	120
gataccggct	ggcattgaca	aaccagcgt	ccctgagcct	tgtgaggttt	ccaggcaggc	180
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atggaaatgc	tgthttctat	gthttcc				266

<210> 35092
 <211> 403

<212> DNA
<213> Homo sapiens

<400> 35092
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 tgaaaagcac tattcccaag attaatagtg ttctatgcac aatgaagcac ctaaaaacac 120
 tgcttgatat tataaattta aaacacaagt gaaagtttag ccatggtttt gtgcggcatc 180
 atagttatgt caataaagtt tatttaggtc atagaatatc ctaaagtatc acatagttaa 240
 atttttcagt cagtgaagac cgggagggaa tgtcagttaa ttggcttgaa tgttctgtgg 300
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 agca 184

<210> 35094
 <211> 74
 <212> DNA
 <213> Homo sapiens

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<210> 35095
 <211> 359
 <212> DNA
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<400> 35095
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 tgccacattt tcttaatcca gtctatcatt gatgttcatt tgggttggtt ccaagtcttt 180
 gctattgtga atagtgccgc aataaacata cgtgtgcatg tgtcttttagt agcatgattt 240
 ataatccttt gggatatata ccagtaatga gatcgctggg tcaaacgata tttctagtgc 300
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<210> 35096
 <211> 292
 <212> DNA
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 gccagctttg tatacvatta tnaggaacnd ggactttgtc ctgaaggtaa ctgggcaatt 180

gttgagggtca ccaccatcta ctgtctggat taccgaggaa actttctaaa tgtmstctcc 240
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<211> 243
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<400> 35097
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taataaacac tgcttttaaac ctggaaaagc acaatctaca tttagtgaat atttcataga 180
atatttaact ttttacattg attacgtggt tcacttataa aaatcgatgg aagatacccc 240
cct 243

<210> 35098
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<212> DNA
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acacaagcgc caggagaggc caaagaacct ttactccagg acacaaatgt gtgacgactg 180
aaatcaggaa gatttttcta tcagcaccca ggtcttagtt ttcacctcta gttctggatg 240
tacattccat ttccatccac agtgtacttt aagattgtct taagaaatgt atctgcatga 300
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<210> 35099
<211> 264
<212> DNA
<213> Homo sapiens

<400> 35099
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gactgggcga asaactctcg ccgacgaacg cgaccggcgt tccttcggcc gtctcaccgt 180
ggccggcaag cttgccgccg agcgacgacg cacattgcgg cgcaggacca actttttcat 240
tgaacacgcc cttgatttca agcg 264

<210> 35100
<211> 96
<212> DNA
<213> Homo sapiens

<400> 35100
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atagaaactg cactgtagga gaattggaat atttaa 96

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<211> 120
<212> DNA
<213> Homo sapiens

<400> 35101

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<210> 35102

<211> 343

<212> DNA

<213> Homo sapiens

<400> 35102

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ggcagggtga mccccatcag taacctacaa cccctctaga acttcacaac tccctctcac 180
catggagtgt gcatttgatg cagaaaggca tgtgatccct cctccttct gacctcttag 240
ctggggattc catggccaca caaccctgtg actccatgtc cccccgattc caggaccccc 300
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<210> 35103

<211> 456

<212> DNA

<213> Homo sapiens

<400> 35103

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accgaaggca gatgagctca agatcatgcc ttgggaagca tgggtgctcta ggggtgcctt 180
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aaatgtctac agtcagttgt ttcattctagc ttgcatctta aaacacaaaac ctttcagttg 360
ctttcactta atgcacacat ttgccaatga cagagggtta tacaggatcc ttcttttaca 420
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<210> 35104

<211> 111

<212> DNA

<213> Homo sapiens

<400> 35104

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<210> 35105

<211> 164

<212> DNA

<213> Homo sapiens

<400> 35105

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ctaggmaaag gccaaaggmm aaaagttcta ttgcttgaaa ttgccctagt gaactggacc 120
tgcactatgc aatagagtag cccctagaca agacaagtgt gtct 164

<210> 35106

<211> 131

<212> DNA

<213> Homo sapiens

<400> 35106

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aacaattgca	acaacatgga	atatttagtt	gggagatggt	tggagtaagt	gttgaaagca	120
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<210> 35107

<211> 286

<212> DNA

<213> Homo sapiens

<400> 35107

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accagactaa	atactatact	ctgtagtgag	taccctcctc	ccacagttaa	ccttataabt	180
ggaaagctgt	tctgctgtgg	aatcacgtga	ccattccttc	acttcatgct	caaagtgtcaa	240
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<210> 35108

<211> 412

<212> DNA

<213> Homo sapiens

<400> 35108

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tctctagaac	tcatggtttc	tacactggaa	aagtgcacatt	gaggtggata	ttcagcttgc	180
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caagtgcctg	tagggtgaaa	actcctgagg	atagctagag	aaaggatgaa	gatgtggcta	300
gcaccaccct	gcacatgaaa	cntagtgcct	cttctttatt	gcagcnaaaa	gagacatcaa	360
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<210> 35109

<211> 281

<212> DNA

<213> Homo sapiens

<400> 35109

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aagtcacttt	tgagccctca	tcaagctctc	attgtgatgg	gagggatacc	tttttgttgt	180
taaaagccta	ttattgttaa	aggsccttta	tggaaaccaa	cttggaaaac	aaccttaaat	240
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<210> 35110

<211> 380

<212> DNA

<213> Homo sapiens

<400> 35110

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tgtaataaag	cctccaggag	ctcatgrcgt	grargcavyt	gthckgtcct	caagtactca	120
aatatttctg	atactgctga	gtcagactgt	cagaaaaagc	tagcactaac	tcgtgttttg	180

agctctatcc atatcttact gatctcttta agtatttggt cctgccactg tgtactgtgg 240
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 tggtagagaaa tttgccttgt tcaataatda ctgtaccctc gcatgactgt wacagctttc 360
 tgtgcagaga tgactgtcca 380

<210> 35111
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 35111
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<210> 35112
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 35112
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 ggacaagaag agtggagcag agagtgcctg gcgggcgggt gcccgaagcc tgaggaaa 118

<210> 35113
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 35113
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 tctatgtcac caccctaaatc tcatcttgaa t 91

<210> 35114
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 35114
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 gcccttttgc tatggatttc gaccccttga ccaaggctct ttaggatgtt acttgggtaa 120
 cactcttttc actttgtttt atttcttcaa atcagaaaac ttgcttaagc caac 174

<210> 35115
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 35115
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 aaaagtgaaa tgcatttgca tgacacagca ttcataggty cggcactttt gtttctggac 120
 cagtatttta acagctttat tgatgaatat attgtacttt ggattgcoct ggttttctct 180
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 atacatgtct tcagaatcaa ggtctctaca tctcattcta atcatcatta atgatgtaat 300
 tggatatatag gaacatcatg ttttctgcag gaaagaaagt aacatattaa ggagaatggg 360

gaa

363

<210> 35116

<211> 192

<212> DNA

<213> Homo sapiens

<400> 35116

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aaccttacac	ttagagctca	gggtagaccc	aaggaacgat	tgtaaactta	ggtcagacct	120
gagcaccgtg	ggacctgccc	aacctctctc	tcaccttgcc	aaatgcctcc	cactttcata	180
gtatcccat	ca					192

<210> 35117

<211> 383

<212> DNA

<213> Homo sapiens

<400> 35117

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aggattaatc	cgtgaaaagg	aagaaattct	gacacatgct	ccggcgtgga	ggaaccttga	180
ggacgacgct	gagtgaagaa	akyvagacac	gaaaggacag	atacggcaag	actcgactha	240
tgtgagggtcc	ctagaggagt	cggattcata	gagactgaaa	ggatggcggg	caccargggc	300
ggtggagagg	ggaaatkggg	agthactgtt	taatggggvc	agagtttcag	ttttacaaga	360
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<210> 35118

<211> 289

<212> DNA

<213> Homo sapiens

<400> 35118

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tcaaaatttt	catggacatg	caatcttata	taaaagcctg	cttcagggct	gggcgcgggtg	120
gctaacacct	ataattccca	gcactttggg	aggccaagat	gggcaaatca	cttgagtcta	180
ggagttcaag	accagcctgg	ccaatatggc	aaaaccctgt	ctctactaaa	aatataaaat	240
cagccaggca	tggtggcgca	cacctataat	ctcagctact	caagaggcg		289

<210> 35119

<211> 407

<212> DNA

<213> Homo sapiens

<400> 35119

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ggtgtctcag	actcctgccc	ctgccacgag	aacacaccct	ttccagtttg	ctggagaaat	120
ataagagaag	tccagtgaag	gagagctgag	tttccccaat	gatgccatca	agatgaacta	180
actacagtta	accagccagc	tgatagcaga	tgcatgagtg	agcccagctg	agagcagctt	240
tttcagatca	aaggatctgt	catctggcca	ttcatgattt	aggatctcca	aagggtatacc	300
tgttccaaaa	tgcgactcag	aagtagtaag	actttctgtg	gcttaacagt	ggggacacaa	360
agaggcattc	ccagaaaggg	tgcagaacat	acagcccctg	gaatcta		407

<210> 35120

<211> 308
 <212> DNA
 <213> Homo sapiens

<400> 35120
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 ctgtctctac taaaaatata aaatttagccg gccgtggtag cacatgcctg taatcccagc 180
 tacttgggag gctgaggcag gagaattgct tgaacccagg aggcggagac tgcagtgagc 240
 cgagattgca ccattgcact ccagcctggg caacaagagc gaaactctgg ggtctcaaaa 300
 aaaaaaaaa 308

<210> 35121
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 35121
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 gctggtctca aactcctgac cgcagtgatc cacctgcctc agcttcccca agggctggga 120
 ttacagggtgt gagccacccat gccagccta tttgtcacat tatttgtcac atttatttta 180
 cttttattta ttttttgaga tgaaatttgc ctcttgttgc ccaggctgga gtgcaatggt 240
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 tcctgagtag ctgggattac aggcattgcac caccacaccc aggttaatttt gtatcttttag 360
 tagagatggg gtttcacccat gttgggtcagg ctgttctcga actcctga 408

<210> 35122
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 35122
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 attttctcac gtttcttact aaaggcctac tgaaaatggt ttaataaaca tgtgccatct 180
 ggtatttttt aagaagtgtg taatagtcca aaatctagca aaactcaact gcaaagattt 240
 ttaatatctg ttgtagagct caaggggtta acactatttg tgtgcggaca c 291

<210> 35123
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 35123
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 gccccgggtgc tcctgtcttc atgggttgaa aaaggacccc gttggcacag cccacaagc 120
 cctccctcct ggcagttgga gggataagag ctgagttggg ctggggatta ttgagccagc 180
 atgcaccaat gtgccccgat ctgattgaaa cattaggctg tcaaggcctt gaatccttgc 240
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 aaage 305

<210> 35124
 <211> 336
 <212> DNA

<213> Homo sapiens

<400> 35124

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aagataaaaag	atacctttcta	ttcggccagg	tggtcacaat	tttaaaccctt	cctcctgctg	120
ctagcttgta	gcttttctagt	tatcagacct	gcctttttata	gaaatgtgct	actgtatgtg	180
ttaaggacca	taaaacagtg	gctatccctg	tgtgtttctgt	ctcctggatg	ccaaggtaay	240
mgaaagggtcc	ttaattgtaa	atatgcccag	ggcatgtggt	aatgctccta	ttttaagtct	300
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<210> 35125

<211> 244

<212> DNA

<213> Homo sapiens

<400> 35125

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ttttaaat	agtaaactat	tttgtgcaaa	taagacttgg	tttcctttgt	cttaccttaa	180
agtgggtgtga	gacttctttt	catttcaagg	aagggttata	tttttacatt	tgtgcaccgg	240
ccga						244

<210> 35126

<211> 96

<212> DNA

<213> Homo sapiens

<400> 35126

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tggcaccatt	atggtacatc	tctacgtcac	attaat			96

<210> 35127

<211> 272

<212> DNA

<213> Homo sapiens

<400> 35127

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gtttgtttgt	ttgttttcta	tagggaaaaa	acattcaagc	tcaaaratag	aacagtcac	120
tactgggtag	ttattacctg	atattattagc	tcatgggtcc	caaaactttt	ctatgcatga	180
ttccccacc	tctttgaaca	aggagggtt	aaatacttgc	accattacaa	aatggcaatc	240
ttaaccctga	actacttgct	ccacgtggc	cc			272

<210> 35128

<211> 171

<212> DNA

<213> Homo sapiens

<400> 35128

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gtcctgtcg	ccttcgctc	ctaatacccta	gssactatgc	gtgagtgc	ctccatccac	120
gttgccagg	ctggtgtcca	gattggcaat	gcctgctggg	agctctactg	c	171

<210> 35129

<211> 163
 <212> DNA
 <213> Homo sapiens

<400> 35129
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 gggatgatttc agcatttcca tctgagttaa aatcctggat atggagtccg agatatkgaa 120
 ggccaattgg ctgccaaaga aatgggagag acaacacgtg cgg 163

<210> 35130
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 35130
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 gggatgaaga ccaggaggac agtgagggct ttgaagatag ctttgaggaa gaagaggagg 180
 aagaagaaga tgatgactaa gcagtactct gaatggacca cagtgtttgc acatatttgc 240
 aattttttgc tgtttttgaa gtgtatcata aaccagaaac agtacagaac tgatgttgag 300
 ggaggtgtag tttttttact ctagaaatgg gtgcat 336

<210> 35131
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 35131
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 tgctttgctg aaagttgcag aaaaggaagt gtgtggagag aaacagaacc cttcagggtg 180
 ggtcagagga cgccatccac agtggattcg tgttcgtttg cagggtggaag cagtgatattt 240
 taggaccgt t 251

<210> 35132
 <211> 194
 <212> DNA
 <213> Homo sapiens

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 taaagattgc atccatgtca ccaagggccg gtggcagcca tgtgagtmct ggcagggggg 180
 ttcgacaaga gaga 194

<210> 35133
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 35133
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 wtcattgttt ctctcttctg caamaaccyg gcaatagctt cccattgctg aaaatctaaa 120
 tktagctttt agtcagaact ttccacttaa agttcttacc cctggctata tattcaaata 180

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228

<210> 35134

<211> 232

<212> DNA

<213> Homo sapiens

<400> 35134

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cagacratca gttttaatgc aaaaggaaaac ccatktaccc tcttgatggc tgtggtgcat	180
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<210> 35135

<211> 173

<212> DNA

<213> Homo sapiens

<400> 35135

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gagaaacaca gattctttat acactttgta agatttacgs cmaaacccca gctctcgakc	120
tcttcttctc cmtgtggccc ctgcgctgtt gccccgtccc cgtcaccccg ccg	173

<210> 35136

<211> 68

<212> DNA

<213> Homo sapiens

<400> 35136

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<210> 35137

<211> 232

<212> DNA

<213> Homo sapiens

<400> 35137

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tccaatggaa taccaccctc agtaaagatg ggacaaatta tggaacatg agataacatg	120
ggtgaatctc aaaagagtgc attctgtgtg gtgccatcaa ggtgaatttc tggaacaggt	180
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<210> 35138

<211> 219

<212> DNA

<213> Homo sapiens

<400> 35138

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cctgcvggtg gtgtatcagg caggttcccc tacatctttg gcaccaaca cggctctctc	180
gaaccacagg gaagttacac ctgagcgtgg tcgttgtga	219

<210> 35139
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 35139
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 ccagaaggca aaactacctg gtgtgtcttg aagtgtctgt ttctggaatt ccactcacag 180
 gggaaaatta gcctgaacca gatggcttga aacagtcctc atgggtgagg ggtggaagga 240
 gacactggaa aaggggactg aaatcagctt taggaacttt ctgtccttta atctcaagaa 300
 tacagawagt gaatgtwrcat tggtatgaga wwcctcatat tgcctgtaga tcttcacttt 360
 caatacacac acacgcacac 380

<210> 35140
 <211> 311
 <212> DNA
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<400> 35140
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 ttattgtact ggggtattaag accttgctct tcttagtctt tttaatgctg tgtgttctgt 180
 taagttcttt catttggttg taattttgtt tktcagcaaa tttatattgt tttgctaggt 240
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 attagcggaa t 311

<210> 35141
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 35141
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 attcttcaaa aaaaaaaaa 78

<210> 35142
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 35142
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 tttctcctcg ttgggtcatg tggtgtgtgt tttgataatc caaagcgatc atgtcagttg 180
 gccctttaat atttccaatg tgaaagatta tttaaatgct tttaaatctg cagcacattg 240
 ataagatggt ttccgtgagc ta 262

<210> 35143
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 35143

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tgtgtatgtg	tctathctac	ggtgtggctc	gtcgtggggc	gagargaggc	tcgagagasg	120
gcgagggaga	agcgmaaaga	gtaagasagt	cttcctttgc	sagagcctct	aatctggtga	180
gggtcccggg	ccggccgggg	cgctaggaga	gagggaggag	gccggggggc	gtgtctbgga	240
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<210> 35144

<211> 209

<212> DNA

<213> Homo sapiens

<400> 35144

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tccagaccaa	ggccgtcgct	ttcgggttct	ctcatcgctt	cgctcgttcg	caatgtttga	120
ggagaaggcc	agcagtcctt	caggggaagat	gggaggcgag	gagaagccga	ttggtgctgg	180
tgaagagaag	caaaaggaag	gaggcaaaag				209

<210> 35145

<211> 218

<212> DNA

<213> Homo sapiens

<400> 35145

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atcaggaagc	wattgragct	gacaccaca	gagtyaaact	cagtwgctgr	agccaccagc	120
tccccctccc	agtccttctt	ttcagagtag	gctggcagct	gtcctaactg	cctactamag	180
ccaaatgctt	gaggagagag	agagagtaag	gaaccgcc			218

<210> 35146

<211> 67

<212> DNA

<213> Homo sapiens

<400> 35146

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taaaaaa						67

<210> 35147

<211> 294

<212> DNA

<213> Homo sapiens

<400> 35147

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accagtctcc	tctccctgct	gtcatttcwt	ttgtccttcc	ccttttstcc	ctcctgccaa	120
gtacttgcat	atctgtgtgc	ttatgttagc	agcatccaca	ctgatacctg	ttctcttttb	180
ttttcaccct	agwccaggg	gtavmaggag	agactgaaaa	aaaaatattc	tggaagtctt	240
vgatatggga	taaaattcaa	ggaaakgatt	kcttatcatc	ttgtcacctt	taaa	294

<210> 35148

<211> 240

<212> DNA

<213> Homo sapiens

001220-662550

<400> 35148
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 aagacgatcc cgagtacagt tgtgaacagc attgctgcta ggvtcctcct gcagatcatc 120
 tgaaatgaac ctctcttatt gattttttatt ggcctagagc caggagtact gcattcagtt 180
 gactttcagg gtaaaaagaa aacagtcctg gttgtwtgca tcataaacat atggaccagt 240

<210> 35149
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 35149
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 gagcagatct gattattcct ggatagttatt caagtggat cttgactatt aaactacgta 180
 tagtgttgct gaaatagaaa gaaaacagca ttggaattgg attcatgtat cgtgggatac 240
 aggtgttatt tcaggtgatg tacttgcat attttcttta gccatttg 288

<210> 35150
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 35150
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 ggaaatggaa ataagaggga aggrcaaaaag tccactggga agcagactgg acagaaagga 120
 actctgagca gctaaactct gactaatccc agggataacc tgcgttttct cttcaccaga 180
 tcaat 185

<210> 35151
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 35151
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 tgtgcaa 67

<210> 35152
 <211> 125
 <212> DNA
 <213> Homo sapiens

<400> 35152
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 gccagggcaa aaatcccaca agggtaagaa agaggcacgt ggcctggatt cttcatccca 120
 tctcc 125

<210> 35153
 <211> 193
 <212> DNA
 <213> Homo sapiens

<400> 35153

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ggtagtgtgt gttggttttt tgctgctgaa aattactgtt attttccctt tccatacttc	120
tggtcctttg aaaacagtca ctaagtccag tcatgggagg tgggtgggtg gaaagattac	180
attcaacccc cac	193

<210> 35154
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 35154	
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cctgcgactg caagattctt actgcagtag agaactcttt ttctcccttg tacttttttt	120
tgacctgtca tct	133

<210> 35155
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 35155	
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tgactaacct tcctcttttt ctctagtgtg cctatggtga aatggcaata gcattcactg	120
tcgtattttg cagtgtctcag gaagtgggac gttaactttg aagggtgctg tttgtattag	180
ctctgctagg ttacctcta caacgtagat ttcagcagct atgctgactg acactacatt	240
ctagttctta agattttttt tccagatccc cccttcccca gctagacata cgtagcatac	300
tttcattctta ttcagtcttt ctgtaacctg ctgctt	336

<210> 35156
 <211> 348
 <212> DNA
 <213> Homo sapiens

<400> 35156	
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agacacctta hsttattttt ttttaatttt gctacggagt cttgctctgt tgcccaggct	120
ggtgtgcaac agcgcgatct cggctcacag caacctccac cttncaagtt caagcaattc	180
ttctgcctca gcctcccag tagctggaat tacaggcatg agccaccatg ccctgctgat	240
ttttgtattt ttagtagaga tgaggtttca ccatgttggc caggctggtg ttgaactcct	300
gacctcaggt gatccgcctg cytcggcccc ccaaactgct gggataac	348

<210> 35157
 <211> 171
 <212> DNA
 <213> Homo sapiens

<400> 35157	
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gaggcaggag aatgtcgtga acccggaag cggasttgca gtgagccgag attgcgccac	120
tgcagtcgc agtccggcct gggcgacaga gcgagactcc gtctcaaaaa a	171

<210> 35158
 <211> 302
 <212> DNA

<213> Homo sapiens

<400> 35158

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acataaaagt	ccagatccac	agcttctctt	gaagaatgac	cacctggcta	cgccggctct	120
tcggtggcaa	cactactvvg	gacactgcct	ccccagtcac	caagggcccc	agctggcccc	180
ttctactcac	ctaagtgccg	cctgaccctt	gtacactagg	aggctggcct	cccacctctg	240
cagggttatt	tcctgcacct	cgaggccgct	gcggggcaat	ctggagtga	acacgaggac	300
cc						302

<210> 35159

<211> 232

<212> DNA

<213> Homo sapiens

<400> 35159

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aacctaaatc	tttgtgcaaa	tttgtccatt	tcaggtaaac	ttgatatctc	ccaggacgat	120
agtgaattaa	cacaaatgga	acacaatctg	gcatccagaa	ggatcatcaga	cgattgcat	180
gatcatcaaa	caaccccatc	tttgggagtt	agaacaattg	aaataaagcc	tc	232

<210> 35160

<211> 194

<212> DNA

<213> Homo sapiens

<400> 35160

tcctactctg	caagtggacg	agaataagtc	tctttcattc	tgctacttca	ctgtcatctt	60
caatttatta	ctgaaaatga	ttcctggaca	tcaccagtcc	tagctcttac	acatagcagg	120
ggcaccttcc	gacatcccag	accagccaag	ggtcctcacc	cctcgccacc	tttcaccctc	180
atgaaaacac	accc					194

<210> 35161

<211> 423

<212> DNA

<213> Homo sapiens

<400> 35161

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ctgttccacc	aagtgagaga	aggtacttac	tcttgtacct	cctgttcagc	caggtgcatt	180
aacagacctc	cctacagctg	taggaactac	tgtcccagag	ctgaggcaag	gggatttctc	240
aggctcattg	gagaacaagt	gcttttagtag	tagtttaaag	tagtaactgc	tactgtattt	300
agtgggggtg	aattcagaag	aaatttgaag	accagatcat	gggtggctctg	catgtgaatg	360
aacachtttg	agccagacag	cctggctgtc	attgctttct	tcctccccat	ttggaccttc	420
tct						423

<210> 35162

<211> 195

<212> DNA

<213> Homo sapiens

<400> 35162

catctcagta	ataaaaatta	agctgtaatc	aaccttctag	gtttctcttg	tcttaaaatg	60
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ggtattcaaa aatgggggatc tgtggtgtat gtatgggraaa cacatactcc ttaattttacc 120
 tgttgttggg aactggagaa atgattgtcg ggcaaccgtt ttttttttat tgtattttat 180
 ttggttgagg gaata 195

<210> 35163
 <211> 54
 <212> DNA
 <213> Homo sapiens

<400> 35163
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<210> 35164
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 35164
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 ttctttcaga gagcagtgtt tttggcgggg aggaggaaat cccttcatac ttgaacgttt 120
 tctaattgct tattttattgt attctggggg atggcgtaag tacagagaag ccatcacctc 180
 agatggcagc ttttaaaaga ttttkhtttt tyckctcaac accatgaaac 230

<210> 35165
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 35165
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 catctcttca gccssagag cgactggaac atcggtgaa gcattctggg aagcggnaaa 120
 ggggggggctc cagtggggcc aycnkggagc caggggacag ctctgatcga gagcctggcc 180
 ggcccccttg ggatcgggcc cgaaaatggc ccaataagcg gagaagaaaa gaggcgtcct 240
 cccgtcactc tctggaagct ggatacatat gtgscgcgga aagtgatctg gacgagaggg 300
 tctccgatga tgacctcgac ccataccttta ctgtctcaac cagcaaagcc tcggggcccc 360
 acggcc 366

<210> 35166
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 35166
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 ctctatttat aaggtccctg ctccaccga cccacctgc ggtgccttca gcccacacca 120
 aagacactag tgcacccctt tcacagacac tgacctcaga ggccccactc tgggtgcccc 180
 agaccctggg cctccagcct ctggcctccc tccagtagcc ccacat 226

<210> 35167
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 35167

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caaggatatt	agaaatagat	ctaaaataag	ataggcatct	tattgmgacc	tgtttttggt	180
ctggtcacag	atttgtcctt	gtttaatttt	tacctagaa			219

<210> 35168
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 35168						
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taatcccagc	atthttgggag	gccgaagtgg	gaagactgct	tgagcccagg	agttttgagac	120
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ggtacagtct	gtatthggga	ggccgc				206

<210> 35169
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 35169						
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actttcttct	gatgaagaga	tgaaaatggc	ggagatgcga	ccaccattaa	ttgaaacctc	120
tattaaccag	ccaaaagtcg	tagcacttag	taataacaaa	aaagatgata	caaaggaaac	180
agaa						184

<210> 35170
 <211> 74
 <212> DNA
 <213> Homo sapiens

<400> 35170						
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gcagttataa	taga					74

<210> 35171
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 35171						
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tcattaccac	tc					72

<210> 35172
 <211> 69
 <212> DNA
 <213> Homo sapiens

<400> 35172						
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ttagggggc						69

<210> 35173
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 35173
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 tatctgcatt 70

<210> 35174
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 35174
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 catttatkat tagaaaaatc caaaaaaaat ctaaaaaaak cttktaraaa accccamaaa 120
 aatktacaaa aaatccgcgt ctccccgcc 150

<210> 35175
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 35175
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 cctggctctg cctgtccccc accgttggtc tcgtaggtga accccaggtc ctcaactccc 120
 cccctttatg tgttgaaagt taatggtttc agatgtgaac atcacgtgtt ataactgtag 180
 cgcc 184

<210> 35176
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 35176
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 aacactctgc aggatattat ccaggagaaa cttctccaat ctagcaaggc aggccaacgt 120
 tcagattcag gaaatacaca gaacgcc 148

<210> 35177
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 35177
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 cctactgctg ggctcccaa agtgctggga ttacaagtgc gaaccactgc agtcagccca 180
 ctcttttatt tcaactgttt gtattctgtt cctgattgtg tattcatgta taaatatctt 240
 gctgctttta ttacagagta ca 262

<210> 35178
 <211> 120

<212> DNA
<213> Homo sapiens

<400> 35178
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agttactgat tctttktca gatgtttgaa ataccagtgg aattgtaa at gggcaavagt 120

<210> 35179
<211> 134
<212> DNA
<213> Homo sapiens

<400> 35179
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cacgaacgcc agcgaaaccg ctgasaccac cgmccaacta tgaactcatc aggcgcytga 120
agaccgacac gccg 134

<210> 35180
<211> 408
<212> DNA
<213> Homo sapiens

<400> 35180
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atctagatac ctaagtata gaattagtaa tcagagcttc attgggtgag cagggaaatca 120
caaggaaagg gaatttactt caaaggata atggaaagtc ttaccaaact ggcattccac 180
tgcaaagaat acctttctag tgatttgagt attgattaca tactgtgaaa cccaatgtct 240
ccttacsttt catggtactg ggtaaaactct gacaaataat tgctctttag ataaccatt 300
tctgaatttt tttgtaactt ggtagttgtc tttttctatc cccaagcact tgaggatgtg 360
ccaaactcca ccagacacag tgattcattg acacagagat tctcaact 408

<210> 35181
<211> 201
<212> DNA
<213> Homo sapiens

<400> 35181
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actggtgtgt atgtgtatgc gcatgtgcgt atatgcgcat atgaatggag agtaaatgtg 120
aatttttgct gggcacacgg cgagtggaag acaagaaagg ggcactatct taacacaacc 180
ttttcccggtg atcaccaccg a 201

<210> 35182
<211> 75
<212> DNA
<213> Homo sapiens

<400> 35182
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gagcccaatg tcatt 75

<210> 35183
<211> 276
<212> DNA

<213> Homo sapiens

<400> 35183

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gcctgggaga	ctccccaaaa	aggtaartgc	tatcaagagt	dngrowctttg	tagctgtaga	120
ttagttatgt	ttaaaacgcc	tacttgcaag	tcttgcttct	ttgggatatc	aaaatgtatt	180
ttgtgatgta	ctaaggatac	tggtcctgaa	gtctacaaaa	tattatagtg	catttttagcc	240
taattcatta	tctgtatgaa	gttataaaaa	tagccg			276

<210> 35184

<211> 56

<212> DNA

<213> Homo sapiens

<400> 35184

actgaaaggg	aggacgggag	aggagtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgt	56
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<210> 35185

<211> 440

<212> DNA

<213> Homo sapiens

<400> 35185

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caaatatcat	tacagcacgt	taacttttcc	attcggatca	ttatctgtat	gatgtggtgt	180
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taggcataac	cttacataat	actaggaaaa	ttatgagaaa	ggggaaattt	ttggttaaat	360
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<210> 35186

<211> 112

<212> DNA

<213> Homo sapiens

<400> 35186

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<210> 35187

<211> 275

<212> DNA

<213> Homo sapiens

<400> 35187

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tggcccctga	tcttcctgt	ctcacacttc	ttttctccca	tcccggttgc	aatctcactc		180
agacatcaca	gtaccacccc	aggggtggca	gtagacaaca	rscnagaaat	ttagacaggg		240
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<210> 35188

<211> 278
 <212> DNA
 <213> Homo sapiens

<400> 35188
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 ctcacacctt gcgatgcgcc aacatcacca tcattgagca ccagaagtgt gagaacgcct 180
 accccggcaa hatcacagac accatgggtgt gtgccagcgt gcaggghagg gggcaaggam 240
 tcctgccagg gtgrctccgg gggscctctg gtctgtaa 278

<210> 35189
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 35189
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 ggttttctgga gtggagtgat tccagctgct ttgagctgaa ggaaaagtag cctggccagt 180
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 gacaccagga aggctttgtg ccaggcccag cagcyacccc cgct 284

<210> 35190
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 35190
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 agataragct tacattttca cagttttggc tcttaaactc attccacaaa tgccattaag 180
 aattttatttt gtttttagcc agtcattggtg gtcattgcct gtaatcccag caatttggga 240
 ggctgargca agaactgctt gagcccaagg agtttgagac tagcctgggc aacatggcaa 300
 gacct 306

<210> 35191
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 35191
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 agatgagatt agggattgaa gtcactttta gtccaagaaa agtattgaag atatgtgttg 180
 aaggcattac caagatgaaa tattttattca tatcattaac ttatttggtc aaagaaacgc 240
 c 241

<210> 35192
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 <212> DNA
 <213> Homo sapiens

<400> 35192

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aacttttccc	aaaattatat	taatggccac	taatgtggag	gagtgatttg	cacctaagcc	180
aactgtcttg	gaagtccaca	ttcttagctg	aaagggaaat	ctgcgttttag	taaaggtatg	240
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<210> 35193
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 35193						
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gtgggggagt	tctcttttga	caatggcaga	ctatgttatt	ttgaaccaac	tctccacta	180
aaaacaacta	gaaaatatgg	agaaaatatg	aaaaatcttc	tgcttaaagg	cataagaaa	240
ttattaaggt	agtaagaaat	cactggatca	agatccagga	gaggaaagg	ccaaaagcag	300
tggttgagag	gctcagaaac	tgagcatagc	ttttagtaca	ataatggggc	tgatggagga	360
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 <212> DNA
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ttatgtggca	gatttcactg	cctcttactt	gttcaagaat	agggatgcct	gtctttggta	120
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 <212> DNA
 <213> Homo sapiens

<400> 35195						
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tgatgggtgt	tgtgaaagtg	atttagcttt	gaccactttt	catcctacag	cttcaatatc	180
aaactgggtta	ggaaagc					197

<210> 35196
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 35196						
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ccatttgcct	tgtgaagacc	cataaacatt	cattgtgttg	aatgtaagat	agagactctc	180
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<210> 35197

<211> 355
 <212> DNA
 <213> Homo sapiens

<400> 35197
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 aggggtctgt accgggctgg cctgtgccta tcacctotta tgcacacctc ccacccccctg 240
 tattcccacc cctggactgg tggccccctgc cttggggaag gtctcccat gtgcctgcac 300
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<210> 35198
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 35198
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 gatcttctat ccacttaaac agagacttaa ggggtggcagt ttgaggtaaa accaggca 178

<210> 35199
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 35199
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 caaggactgg tcatgttcac ctgtkctatg ctgtcagtgc rkcttgtact tattcctcac 180
 agaacttttc agtcatagtc agtcctgtga gctttatgca ggaaggaatt tggttggctt 240
 cctagcattt tcaagatctc tcatggcgcc cc 272

<210> 35200
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 35200
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 tgctctgtgg atcagaagga agttagatct tttggatatt tacatagaaa caaagaat 180
 gaagactgga aagaacttga gcaggactct attaaatgtg ttttgtgtga gatggttttc 240
 accctgtgtt cttgtggttc ctccatgcta ggggcaggag gtaggatgga gcagataggg 300
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<210> 35201
 <211> 401
 <212> DNA
 <213> Homo sapiens

<400> 35201
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cccaggagag	catggggact	aggaggaagg	gtgtggcatg	gctcagtctg	gcccccttga	240
ttaccggcct	agccccctgt	cacatcacag	ctgtctgaag	aacagtgagg	tggagtgcct	300
agaactcccg	tggtggtcct	gagcagagag	gaggatgtcc	tcctgcctgc	ctgaaggctc	360
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<210> 35202

<211> 87

<212> DNA

<213> Homo sapiens

<400> 35202

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gcctctccca	ctcccccttt	gggtgca				87

<210> 35203

<211> 269

<212> DNA

<213> Homo sapiens

<400> 35203

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ctagatactc	tgtagatata	tgttaaatga	gttaaaacag	gaaagccaaa	taatttttat	180
gtatttgggc	ttgatgtaat	aattgttggt	tacaaataaa	aattagaaat	acttgatcag	240
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<210> 35204

<211> 170

<212> DNA

<213> Homo sapiens

<400> 35204

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gctgtctttg	aagagcaaag	aagctttaat	tcagtgcctt	aaagaggagt		170

<210> 35205

<211> 172

<212> DNA

<213> Homo sapiens

<400> 35205

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aggtaattta	taaagaaaaa	taggtttaat	ggactcacag	ttccacatgg	ctggggaggc	120
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<210> 35206

<211> 396

<212> DNA

<213> Homo sapiens

<400> 35206

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tatggagctt	agaaaacctc	caacaaatac	ctgggaatct	aaaaggctat	gcatatgcac	180
aggatgatag	gcattcccaa	ggctgtgcac	atgctcagaa	aacacctaag	aaaggccaaa	240
gttctcacct	atggctgaac	ttcaagctct	gtdcaagtga	agtgctaagg	caaagttgcc	300
ccaacatac	acacagagca	tcttggtaaa	gactgggaga	cttactggct	ccatgaattt	360
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<210> 35207
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 35207						
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gttgacgaga	ataatttgtg	tgtgtgtgtg	tgtgtgtgtg	tgt		103

<210> 35208
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 35208						
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aattacggac	acagcccagt	agggagtata	agggttgtac	acagctatca	tgcgcttgat	180
cagtgcattg	cttcaaagtg	gacttatacc	tcagcagaga	gctaagaagc	atgaaggaag	240
tcttcatgga	ggagatggca	ctggagctaa	gtcttcagag	tcggcatttt	ggcaggtgga	300
gattgggaaa	ccagaggaac	ttcactagat	gcaaggctct	gttgaagatt	caaggtaatg	360
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<210> 35209
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 35209						
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gcgatttttg	tcvtgggggt	tcctttggaa	atgcactggt	ctcagcccag	ctgggttcca	180
acgggggcac	ctgggacgac	agaggcatct	cggggcaggg	ggcagaggcc	acgggwggtg	240
cagggtgggac	ccttgacggc	accctctgat	ctcttggggg	gctt		284

<210> 35210
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 35210						
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<210> 35211
 <211> 332

<212> DNA
<213> Homo sapiens

<400> 35211
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aatttttcaa aactggaata caagcaacag aatagataaa agtaatgtat tgatgttaaa 240
tttactgcag ttgataactg tatcatggtt gtgtaaagta ttaatrtrtat cctcattatt 300
gagaaatgca tattgaagta tttagaggta ta 332

<210> 35212
<211> 250
<212> DNA
<213> Homo sapiens

<400> 35212
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aaatgttaat gaattgtcaa agcttttttca gccagtaaat ggcaaaaactg aaattcagat 180
tgaagttggt ttggtctctaaa taagttggta ttctctgccca ctgtgctgta gtgctctctg 240
cacagttgct 250

<210> 35213
<211> 259
<212> DNA
<213> Homo sapiens

<400> 35213
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tcatccagaa attatggaaa cagggctctgt cagtggcagg aggccgtgct gtgttttact 180
tgatgacac aatgcagttt acttgccctc tcatacccat gcatgctgct caccctagac 240
aatgacatat aagccgcat 259

<210> 35214
<211> 236
<212> DNA
<213> Homo sapiens

<400> 35214
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tgaaaccaa cattattgga gaacagataa ccagtaaaat gggagcccat tatcattgta 180
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<210> 35215
<211> 435
<212> DNA
<213> Homo sapiens

<400> 35215
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atacagtccc	tatttgactt	tttgttggtg	ttgagacgga	gtcttgctct	gtcaccagg	360
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<210> 35216
 <211> 139
 <212> DNA
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cctaataaac accttgccc	139

<210> 35217
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 35217	
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<210> 35218
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 35218	
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ctgaatggta ttttagtatt ttgctgtcgt tttattattt tcgtctggtc ttcctcagtt	180
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agcggttcgg ctgataga	258

<210> 35219
 <211> 323
 <212> DNA
 <213> Homo sapiens

<400> 35219	
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gaagatgctg gggttttttt tgtttttgc ctttgtatta atgtatgatg gtttgcgcct	240
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<210> 35220

<211> 256
 <212> DNA
 <213> Homo sapiens

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 gacttcatta gcacac 256

<210> 35221
 <211> 93
 <212> DNA
 <213> Homo sapiens

<400> 35221
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 agtctgagaa agcgcgcctg tttcgcgcc atc 93

<210> 35222
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 35222
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<210> 35223
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 35223
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 ggcaaaagag acaaactctc catcaaataa tttatgtacc cattccattc tatggaggag 180
 aagctcaatt cctacctccc ttgaggggtg actggactta gtgacttact tccaagaat 240
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<210> 35224
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 35224
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cggatcacga	ggccgagtg	ttgtccatga	atgggccac	ctccgttggg	gtgtgttcga	180
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<210> 35230
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 <212> DNA
 <213> Homo sapiens

<400> 35230						
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<210> 35231
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 35231						
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cagtgcattt	ctaggtccca	aagacctttt	tccatataag	gagtacaaag	acaagtttgg	120
aaagtcaa	aaacggaaa	gatttaacga	aggattgtgg	gaaatagaaa	ataaccagg	180
agtaaagttt	actggctacc	aggcaattca	gcaacagagc	tcttcagaaa	ctgagggaga	240
agggtgaaa	actgcagatg	caagcmgtga	ggaagaaggt	gatagagtag	aagamgatgg	300
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<210> 35232
 <211> 96
 <212> DNA
 <213> Homo sapiens

<400> 35232						
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<210> 35233
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 35233						
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<210> 35234
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 35234						
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gctcatttta gactggctct gggtcaccct gccacacttg tttcctagtg tttctgtggc 180
agacattgct aatcaattac agcccttttc tgtactgagc cttggataaa gggtcaggct 240
cctttttagt tcagagattc aggcagccac tcccagtggt ttgtagataa tgtgcaagat 300
aaaractatt ttctcttcca aatctaagta ctaagctcct agtataaggt gttgttacag 360
aataccagag accatgttag agacaactac atctcttcaa aaag 404

<210> 35235
<211> 135
<212> DNA
<213> Homo sapiens

<400> 35235
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ggaagamabc agcatatgag atgaaaaaca tctcttcctt tgtggccatt atraaataga 120
cacatttgwg acatc 135

<210> 35236
<211> 52
<212> DNA
<213> Homo sapiens

<400> 35236
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<210> 35237
<211> 278
<212> DNA
<213> Homo sapiens

<400> 35237
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tctaaatctc ttgctagact tgggaakytt tcatctatta ttttaagtaa gtttttgaac 180
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gtatgctatt tatcacagag actttgctca ttctttat 278

<210> 35238
<211> 137
<212> DNA
<213> Homo sapiens

<400> 35238
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ttgccccctca gtgactccat tctgtggaac ctggacgctc agccttgatc ttcccagggc 120
cctcttgccc ctgtgaa 137

<210> 35239
<211> 405
<212> DNA
<213> Homo sapiens

<400> 35239
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acaggcatgt	gggctgggcc	tggacgtagg	cgcctggccc	aagggaccca	ggagcagggg	180
caccttctcc	aactcatact	aagacaccag	tcaggctggg	ggaagctgcc	tcattggtcct	240
caacgttcag	ttgcaccaag	acactaaaac	gttaggttct	ctaatacgt	actttttaaa	300
aaccaggagt	gttaaaactcc	gggaccactt	gagtcctata	caacttgtgc	tctggagaac	360
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<210> 35240

<211> 235

<212> DNA

<213> Homo sapiens

<400> 35240

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ttattttag	actggattaa	aaacaacctg	tcctgttttg	tcagttccca	gcttcttcgt	180
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<210> 35241

<211> 183

<212> DNA

<213> Homo sapiens

<400> 35241

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gggaagttct	cttgaactca	agaactcttt	atcttctatc	attctttcta	gacacacaca	180
cta						183

<210> 35242

<211> 363

<212> DNA

<213> Homo sapiens

<400> 35242

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ggaactctgt	taatagcttc	cagccacagg	cattggaatt	gagggcaagt	agaacgagga	180
tgcttgctcc	caaagatggc	aattctcagt	gctgggtgag	aaggtgcagt	ttggtcacat	240
gggggtgacg	tggaatctt	tctttagggt	gctgtgggac	cagtgactgg	ccagcagaag	300
ccagccgggg	ttatggatca	tgagttatgg	atcactagca	ggactggcag	aattgaacca	360
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<210> 35243

<211> 195

<212> DNA

<213> Homo sapiens

<400> 35243

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agctcactag	cccacccctc	ctctattttg	ggtaagagaa	tttactacct	tttttaacta	180
tgtagttgag	agccc					195

<210> 35244
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 35244
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 ctcaaga 67

<210> 35245
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 35245
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 attgtttttg nyatgtagct gttttwagaw atctggccca ggggtgtttgc agctgtgaga 120
 agtcactcac actggccaca aggacgctgg ctactgtcta ttaawattct gatgtttctg 180
 tgawarbntc agagtgttta attgtactca atgggtatcat tac 223

<210> 35246
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 35246
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 tataactctg gcctatgatt gtsttggtgc ttgcattaaa aaaaaaaaaat ttgagagtgg 120
 tagaattact tctgttatct gaaatacctg agatgcactt taaactgttg aaatgtaagc 180
 yctgagggca gggaccgtat cttatttact gttagtagtcc gttgcatcta gtgtggtgca 240
 cctggcga 248

<210> 35247
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 35247
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 tgamataagt attgtcatcc ttaccatag acaaggaaac taaggctaaa agcaggcacg 120
 tgatatccct aagttcatac aataagttgg acagggtggac tttaacccat tttggcttag 180
 tccaaagcct gtttacttga tattacacaa tgctacttta ctgttttgaa agamgaccac 240
 atggaacctg atgattgata tccctgaact gttagctggc cttaaatttt tgtaatarah 300
 ktkaatagat gtatacatak tactttatgg cccagct 337

<210> 35248
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 35248
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 gccattttatt tgtgtcttct tcaat 85

<210> 35249
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 35249
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 ggtgatccgc ctgcctcggc ctcccaaagt gctgagatta caggtgtgag ccgccatagc 120
 agcctgttta ggtttttttt ttgaaaggaa acaaaccag ttaatcagt tcttgattaa 180
 ctgacttggt aaccagattt tgcccgat 208

<210> 35250
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 35250
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<210> 35251
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 35251
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 agattccatg tgatgagaga gaaacatcct gaaaaattca acagcaggat gaagaacaag 180
 ctgtgggtact ttgaatttgg cacctcggag acttttgcag cgacctgcaa gactaccac 240
 gaccacattg agttggagac ctcagtgacc agtccttga agtgntgggg ctagaaggag 300
 ccatggagat ggggcagatc tacacc 326

<210> 35252
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 35252
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 ctaagacgtg atagtgaata tagctttgaa aagaaactac atatggcaaa ggtggggagg 120
 ggggaagatg atgcattctg atcattataa agaatacttt tcagggtctt atcattttct 180
 cccttttctt aatcatccag aatatggcgg gtgtcccagt gttcaacagt atcatgctaa 240
 tattccattt gatcggtagt ccaagttctt tggccagata gtgcaatgtt gtgacaccga 300

<210> 35253
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 35253
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 ccttcatgca atgaatagta ttgcatcaac atataahact taaaatgcta gaaattaact 120
 gaaacacaat tacctgggga a 141

<210> 35254
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 35254
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 cgtttttata atggtgttgt tgtggaactg aaagattggg gatgatttgg ttttttcctt 120
 ggtccacagg taggtgtcac aattgctttg a 151

<210> 35255
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 35255
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 atgactgagc aagatggtgg tatgagggcc cc 152

<210> 35256
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 35256
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 ccatgtacct ttttaagaag taaatgaggg acacc 95

<210> 35257
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 35257
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 gggatgtcaa gaggaacct agaatcttaa cggatgaatgg gctgtagaaa ttatctcagg 180
 tcccccttagt atactgatcg agaagtcvwt gacvtcaggg caggggggctt acatgaggtt 240
 acacagcagg ttagtgacag tctgctccct ctctagccgc tggcttttcc attacacagg 300
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<210> 35258
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 35258
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 ccccggggac cgggaagcct gagtctagag gggcggttcac cccctgggag akcacasgta 120
 aagaaagcgt gtgagccgca ccccc 145

<210> 35259
 <211> 297

<212> DNA
 <213> Homo sapiens

<400> 35259
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 gamatgtgtt tcatggtaag cacagtgtg gtcgggaagg acctgtggg atactgcatt 120
 tttatttagg gtgtctttg tcctcttcct cccagtttcg ttttgtttg ttttttgag 180
 atggaatttt gctcttttg cctaggctgg agtgcaatgg cgcgatcttg gctcgctgca 240
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<210> 35260
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 35260
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 cagcctgggc aacatagtga gacactgtct ctacaaaaan hagggaaggaa gggacacata 120
 tcaaactgaa acaaaattag aaatgtaatt atgttctaag tgcctcccca 170

<210> 35261
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 35261
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<210> 35262
 <211> 142
 <212> DNA
 <213> Homo sapiens

<400> 35262
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 ttcgatcttt agaaaacccc gc 142

<210> 35263
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 35263
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 aggggggatg acttctcaca gtgaaggcat ggagagamag aggatggaat ggcttttagac 180
 agttctcttt tcctgaggag aggcctga 208

<210> 35264
 <211> 269
 <212> DNA
 <213> Homo sapiens

<400> 35264

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gacgttcact	gtccgtagac	tagttttgca	ttgacagtag	aaacaggaaa	gtaaattgct	120
aaaraacatt	catttttctt	tgacttcagc	caggcacagt	ggctcatgcc	tataacccca	180
gcacttttgg	aggacaaggt	gggaggattg	cttgadccga	ggagtttgac	accagcctgg	240
gcgatatagt	aaaaaccccg	tctctacca				269

<210> 35265

<211> 87

<212> DNA

<213> Homo sapiens

<400> 35265

gcgctaacca	gccgctctgc	gccccgcgcc	ctgcttgccc	ccattatcca	gccttgcccc	60
ggcgccctga	cctgacgccc	tggcaat				87

<210> 35266

<211> 411

<212> DNA

<213> Homo sapiens

<400> 35266

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acctggtggt	atttatgcta	tcataatctc	atactgacca	aggcacctaa	aggctcaagt	180
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cctctgcctc	ctgggttcaa	gagcttctcc	tgccctcagcc	tccaagtag	ctgagattac	360
rggtgcstac	caccatgcct	agctaatttc	tgwattttta	atagagacgg	t	411

<210> 35267

<211> 154

<212> DNA

<213> Homo sapiens

<400> 35267

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ccagccactg	tgagagcag	acaaggtgac	atccacgaac	tgaagcgcac	attccaggcc	120
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<210> 35268

<211> 281

<212> DNA

<213> Homo sapiens

<400> 35268

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aaaawacaaa	atagatgctt	aaagaatttg	catccatttt	tgagtctaaa	tcttttaaaa	180
tatactgaga	tccacatcta	gtgaaatgtc	agtgtcaaaa	tattatagat	tatagctaaa	240
atccagatta	atactcattt	ggggtttttt	atagtgaac	a		281

<210> 35269

<211> 61

<212> DNA
<213> Homo sapiens

<400> 35269
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t 61

<210> 35270
<211> 269
<212> DNA
<213> Homo sapiens

<400> 35270
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atggtgggtg gttatgatga tgcaacagcc acatatagtc agaggtcagt attttaaadc 240
atttttctaa ggcttttwag caggctcta 269

<210> 35271
<211> 340
<212> DNA
<213> Homo sapiens

<400> 35271
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ggctattaag aaaaccgcgg tggacacagt gctggggaaa aggattgtat ttgctggggc 120
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tctggaggac taaagtccaa aatcaagctg tgggcagggt gggtttcctt gagagctgca 240
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<210> 35272
<211> 294
<212> DNA
<213> Homo sapiens

<400> 35272
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ttatgttgct ggtattttgc attttaaagt gatcaagatt cattaggcaa actttgggtt 180
aagtaaacad atgttcaaaa tcagattaac agatacaggt ttcatagaga acaaagggtg 240
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<210> 35273
<211> 194
<212> DNA
<213> Homo sapiens

<400> 35273
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atcttttagtt ctttcattgt aatatactca taaataaact agaaacaagt atacacaaac 180
acacacacaa accc 194

<210> 35274
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 35274
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 tagttttaag ccactaggta gatatttagg ggaatagtca aaatttactg ttgaaaaagc 120
 agttgctatg tgctttctta ccctgttctg ttccagtttt gctggatttg tacatagcca 180
 ttctagaaat agagttgagg gaaattatcc atatacatat cactaatagg c 231

<210> 35275
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 35275
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 atagggtgcc tttgggccct tgatattcaa cggctatgtg ttcacgttca gcacgctcgg 180
 ctgagakctt tcatttttag ggcaaacgag ccgagttacc ggggaagcga gaggtggggc 240
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<210> 35276
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 35276
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 gtgcttagag cttgatactt agagacaagt ggagctcttg aatgtgtgtg cacattgagt 180
 ttcatctttt taacttgtag ttggaagcac atatgtctct ttctaaaatg ctaacctttc 240
 caaatttgga aaagcagttt cctgaaatgc gtacacttgg scctcaagta cttgctactt 300
 c 301

<210> 35277
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 35277
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 cccagcccac gggctttata aacacccaag aaccgtttca aatcttctct gtgctgatgc 120
 aggtagtttt aaatttwmt cagttccagt gatagaaaac ccacaccgc 169

<210> 35278
 <211> 270
 <212> DNA
 <213> Homo sapiens

<400> 35278

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 tgtcaagtgg aatccttccc ttccaactc tacctccctc actcagctcc tttcccctga 180
 tcagagaaaag ggatcaaggg ggttgggagg ggggaaagag accagccttg gtccctaagc 240
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<210> 35279
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 <212> DNA
 <213> Homo sapiens

<400> 35279
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 atagatttaa atacacagac gggcgagtg gggcgagtg gatgtcttca gccagtggtg 180
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<210> 35280
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 <212> DNA
 <213> Homo sapiens

<400> 35280
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 aaaattgtac actttctgat ttttacttca ctaatgtaat tactctctca agaagctttt 180
 aavattttaa ttaccatcac acaacctttt tatagtaaag bcaacatttg ttctctcacc 240
 aaacccacag cca 253

<210> 35281
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 <212> DNA
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<400> 35281
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 gaactcgggc ttgtggcgct cctccgtggg ccggatagag tgccctagtc cagctaacgg 120
 attcagcctg gagcgttctg cgtgacat 148

<210> 35282
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 <212> DNA
 <213> Homo sapiens

<400> 35282
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 gagaaatgac tggtgttccc aaaacaagag ggagctrggc tggaagcacc actattcttc 120
 tttaggcatc ttgttacaga gagaggcagg gtcttcaact acatattaaa tctgttccc 180
 tgaaccagcc cctccctctt ctgctccact tctcacctg tgcagagtca ttttcaggtg 240
 ttagccttac tgatttgac tgatctgttt gttccctgag cc 282

<210> 35283
 <211> 294
 <212> DNA

<213> Homo sapiens

<400> 35283

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cttggtttttt	tttccatagc	acagtaatga	atgtgggttat	caatcacata	cttttttgga	180
ttatatgtga	gcaaaaagtt	gattagctta	ccaagattat	taatagcaat	gtatgtgtta	240
taatacaact	tagtacatta	ragctacgaw	aactcatcct	ggctgtagga	tagt	294

<210> 35284

<211> 173

<212> DNA

<213> Homo sapiens

<400> 35284

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tratccccag	gggagcagca	ggaaaaatca	gggaacagag	acgccagttt	agccataggg	120
ctataacctca	gggagtgact	cgacgtaatg	gcaagagca	atatgtgcca	caa	173

<210> 35285

<211> 56

<212> DNA

<213> Homo sapiens

<400> 35285

attttgtccc	agtcagtcgg	gaggctgcgg	ctgcagaagt	accgcctgcg	gagtaa	56
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<210> 35286

<211> 291

<212> DNA

<213> Homo sapiens

<400> 35286

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tgtttctagc	tacgcaggag	gattgcttga	gcccatgaga	ttgaggctgc	agtgagctgt	180
gacgtgcca	ctgacctcca	gcctggggga	cagagcaaga	ccgtgtctca	aaaacaattt	240
agtctgaaac	acaattgtgc	tgaatctgtc	tgactataac	tctgaccacg	a	291

<210> 35287

<211> 190

<212> DNA

<213> Homo sapiens

<400> 35287

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gmcatgavag	atggacaagc	tgatacccag	cttgaagctc	tcaagagavc	aganaggcgt	180
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<210> 35288

<211> 226

<212> DNA

<213> Homo sapiens

<400> 35288

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cggcgctgag	caacagtgtg	tacaagggcg	cctcacccta	tggctccctc	aacaacatcg	180
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<210> 35289

<211> 356

<212> DNA

<213> Homo sapiens

<400> 35289

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ttctgccatc	taaggtgatt	acaatgctca	agtctctttg	ttggttgcc	ttgactaatg	180
cttttcagca	gccccgggct	cagctcctgg	ttcccagtat	ggcacaatga	ccaggcagat	240
atctcgacac	aactctacta	mttcttcgac	atcttctggg	ggatacagac	gaactccctc	300
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<210> 35290

<211> 183

<212> DNA

<213> Homo sapiens

<400> 35290

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gcagatgccc	atgtgaacag	agtacctgaa	ggaaaagcca	agagtctccc	tgtacagggg	120
ctgtcagaaa	ctgttggaat	cttacataaa	gtcaagtctc	agaaatgtcc	gatgcttcac	180
cat						183

<210> 35291

<211> 161

<212> DNA

<213> Homo sapiens

<400> 35291

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caggtctgta	agagatcaag	taggagtttg	ggaaagggtt	caggaaagag	ggggatattt	120
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<210> 35292

<211> 282

<212> DNA

<213> Homo sapiens

<400> 35292

catatgatta	gatgagaccc	acccacatta	ttggcaatct	cctttactta	tagtcaacgg	60
actagatgtt	aactgtgcc	gcaaaataac	ctttatagca	acatctagat	tagtgggggt	120
tttgttgtt	ttttgagaca	gagtctcctt	ctattgccca	gactggagtg	cagtggcgcg	180
atctgggctc	actgcaacct	ctactctcag	gttcaagtga	ttctcatgcc	tcagcctctc	240
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<210> 35293

<211> 208
 <212> DNA
 <213> Homo sapiens

<400> 35293
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 agtggttcagt agcagcgggg atagcccggg gcccggtgta tggccacgga gttacagtgt 180
 ccggactcca tgccctgtya caaccagc 208

<210> 35294
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 35294
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 agagcctgtt aggtccaaaa tgggtgcccc gaaattcaag ttaagtcaag cccatgttgg 180
 aagaccacca gtcctggccg accaaccctg ccctcagctg ggccctacca gcccaaccacc 240
 atgagcacac agaatggcag tgacacacaa gacagcccag cactgagtga ctcagtcatt 300
 acaacctatc acctaaagcc aacaragatt gtgacttggg tcaccaaacc aataggargt 360
 caacattatt cgggaggcc 379

<210> 35295
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 35295
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 taccagtttg tcccaaagga attgaaattt tcaaccaaac tgatcatggg tgaaatatct 180
 tacccttagg aactggatac cagttatgtt gacttccttc tgcatgtttt tgccaaaaca 240
 gaatttgggg cacagcatct tttcacaggg ag 272

<210> 35296
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 35296
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 gtaaagacaa agttaagag tctgttgttg tggttcaggt agaataacag cctgaatcag 120
 gctggtggct gcggattggc aaaaagggca gacatcaggg aaggaggcaa ggtaaaatgc 180
 tagaatcatc aggactggac tgaggagact ggtggctaga gagatgggtat tgtcattgtc 240
 agc 243

<210> 35297
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 35297

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aatgccttgc	ttattaaatg	cactgaataa	attcttttga	atgagatgga	tattgtaaaa	120
ttctcatgtg	cctcctgaag	ccttctaaat	tgtttttatt	ttgagtgtat	tatattaagt	180
tccatttgta	actggttctg	tatggtgacg				210

<210> 35298
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 35298						
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agtaaaaccg	ccgcccggga	gargactgaa	ggagcagttg	ccgccgttgg	cgcgggccga	120
gcagttttcg	ctgctgctac	ggctgttgcc	atgaggcgag	gctagggagg	acctcacttc	180
cccggggtgt	aataatgtta	actgagacca	gtcc			214

<210> 35299
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 35299						
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cccgtctgcc	ttggcctccc	aaaagtgtctg	ggattacagg	agttagccac	cgcacccggc	120
cagcaatttt	ttaatatgtt	tgaatccaac	aca			153

<210> 35300
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 <212> DNA
 <213> Homo sapiens

<400> 35300						
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cttagtctgg	wtgcagagaa	tagtacctgg	atttcctcaa	ctgaaagtgt	gattatnacc	180
ccttcctttc	aggattttgt	agggttagag	acaatgtatg	ttcaatgcct	agcacataat	240
gggccagcca	ctkkaataa	taaaacatac	caacaatgtg	ggtaggtgca	aagaatttgt	300
tgac						304

<210> 35301
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 35301						
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aagggcgggg	aaggcagttg	gagaagaggt	aargcgtka	ctcactccat	ggctgcagca	120
aggagaggcg	gcggcggcct	cggctgaaga	aagaaggtgg	gagcggagag	cgaggcgctg	180
aaaccacact	tgtcccatcc	acatcaggac	atcccagctg	gagttcaacc	ttcatccctt	240
ctgtggcagt	taggagactg	nvkcaaggtc	cagagaaggt	ggaggaatcc	tgatactgag	300
cggaatcttc	ccaaggctgc	agacaccgrc	tcata			335

<210> 35302
 <211> 229

<212> DNA

<213> Homo sapiens

<400> 35302

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gtggtagggg	aaggaattta	agaacagcaa	taagtaaaac	tcttaagtaa	ctccaaaaag	120
aaaatggtag	atcttgccaa	agaccactta	tacttgagaa	catggaagaa	tttgccctgat	180
actctctttg	gggaaaagag	tctctcctct	tttcctcaaa	ccccagtag		229

<210> 35303

<211> 320

<212> DNA

<213> Homo sapiens

<400> 35303

ggggcagcca	tgccctggccg	tctgctgccc	ggcctgtggc	agcgatggcg	ccgttacaag	60
taccgcttcg	ttccctggat	cgcactgaac	ctaagccaca	acccgaggac	cctccgatat	120
gttccagagg	aatccaaaga	caaagttatc	tcagatgaag	atgtcctagg	arcattactg	180
aaagttttcc	aggctctatt	ctaaatgatt	tcaataaaca	atcagaaatc	ttgactatgc	240
ttccagaatc	tgttaaatca	aaatatcaag	acctactggc	agttgaacat	caaggggtga	300
aactgcttga	aaacagacgt					320

<210> 35304

<211> 216

<212> DNA

<213> Homo sapiens

<400> 35304

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ggaattttga	agattgtcat	tttttcattc	gagtcyctat	gttaaacatt	ccatattttg	120
aatatattata	tcttgtactt	gggtttaaga	gaagtagctg	gctctcaaga	ttgactggct	180
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<210> 35305

<211> 356

<212> DNA

<213> Homo sapiens

<400> 35305

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tgagatgaga	gacacctcac	ccttcacgat	tgcccagctg	gccacctgct	cccattgacc	120
agctcttcc	taccctccct	aattccatt	ttctcacaca	cagatgcatt	tcttccctgc	180
taaaaacccc	taatttttag	tggttgaggt	catggggtga	ctctgagtaa	cagtcagagg	240
aacctccaaa	tgggtttccg	aggtggctgc	tctttacatt	cccatgagca	gtacaggggg	300
cgcggtttcc	ccacagcctt	gchgtcgttm	gsctscatt	ttcagtgatt	ttattt	356

<210> 35306

<211> 258

<212> DNA

<213> Homo sapiens

<400> 35306

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gtttcatatg	tmmtttaatt	gccagaaca	aaatctgtat	tacttttact	tattatggct	120

atgtgtataa	ttatatgtct	agttttcttt	tttttaacag	ttaacttgat	attctataacc	180
acttgaatat	ttttaattct	ggaaaatcag	tttttcctag	tgctcccttt	tccaactctt	240
ctcactcctt	cctccmtc					258

<210> 35307
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 35307	
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aaagagtaat	tggtttggaa ggagacaaaa tcctcaccac tagtccatca gatttcttta 120
aaagccatag	ttatgtatgt ggaaactaag cagttcctat taagatgctg ttgctggccg 180
gccgcggtgg	ctcacgcctg taatcccagc actttgagag gcccaaggcag gcagat 236

<210> 35308
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 35308	
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cagtaagtaa	ataaaagcct tcggtaataa tcatgacaat acaagaggct gagcwaggct 120
acaggggaaa	actattgtgt tgtaaagttg catcgctatt ttatatataa atgtaatgat 180
cagcatcatg	aacaatgagc tctc 204

<210> 35309
 <211> 63
 <212> DNA
 <213> Homo sapiens

<400> 35309	
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act	63

<210> 35310
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 35310	
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aatcacataa	attagcattc ttttagtatcc cttttgtctc gctctccttt ctcacatgt 120
tggttggtgt	tgaggttttt gacattagtt attctagata aacattctct tcttcagtct 180
tagccttttn	tttsagacag agtcntgctc aanbgcvcag gctggagtac agtggcacga 240
tcttagctca	ctgcaatctt tgccctctgg gttcaagcag ttctcctgcc tcggcctccc 300
aggttgctgg	gattgcaggc aacaaccacc acgcccggg 339

<210> 35311
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 35311

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tgtgtgcaag gagccgtgcc acaggcagat gracagtctg gtaggagrkc tgggcacata	120
cacctggata taacactctg caaaagarga tgggcaatgt gaagtcccc agaactctag	180
gagctcagag ctggaattgg gagctgggcg tatattgtac tagaaaatca gtggtattat	240
cacaaaggaa aagct	255

<210> 35312
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 35312	
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agtacctgcc tatctgctgg acagagaggg acaatctcga gctaaagtac tttccaatat	120
gattaaacag aaaagaaaag agaaagcgg	149

<210> 35313
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 35313	
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actttatata cattattcta ttttaagactc acagccaccc tgtcaatcaa tttatgatta	120
tttattgaga ccctgk	137

<210> 35314
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 35314	
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tgtagtacag atatgtgcat tcatgtctgt aaattaggac aagacagacc tattaaaaca	120
ttccaaggac atacgaatga agtaaagtct atcaaatggg accc	164

<210> 35315
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 35315	
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tggcaaaaaca caaatggcaa cataratgtc catttgactc acctaacttc acaactttca	120
agttgaggat gtcatttatt cttgaatttg tttttttact agatgctttc amttaatagc	180
cctatatattt tgtgcaggcg aactgtataa caggataaaa aatgatttgt atgtattgaa	240
aaggaggaga aattctcaca gaacaccata tgagcttttag accngaaggg gncaa	295

<210> 35316
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 35316

aaaaatgtgt ttcactgaaa atttaaagaa atatttagaa ctcttttcag tggtatataa 60
 tgagggaat ttagtttaac tccagcctcc caacctccca ctccccacct ct 112

<210> 35317
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 35317
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 ttttgtaag aaggaaacat ttagcattta tatatttgtg tatggaaaac ac 112

<210> 35318
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 35318
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 cgtagttga aagatgctat aaagatataa gggatta 97

<210> 35319
 <211> 284
 <212> DNA
 <213> Homo sapiens

<400> 35319
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 atgaggtatt ttttatttaa agaaaatggg gatattttct ttttttttga gatggagtct 180
 cactctgtca cccaggtctg agtgccatgg tgcagtcttg gctcactgca acctccgccc 240
 cctgggttca ggcgattcta ctgcmmtcag cctcctgagt agct 284

<210> 35320
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 35320
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 aaaataggaa agaacctatg ttgaaatatt gggggtgggt cccctgatag ttgagcaaga 120
 aagttttgta gaaaatttgg gtgaaagawa tgcagagatc ttgttccagg cgg 173

<210> 35321
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 35321
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 aaggaaaagg ctttgggggt ctttcctctg ggaggtaaag tgcaagctaa ttttgctttg 180
 gtgttttttt gggatttgca ggaagtagtc attatgtcag aatccatgaa gattgagttc 240
 caattatcaa ggggtgaaaa tcgccaagca aatatttgtc attgataaga tacttcataa 300

tcagagtggc ttctcacacc catagtaagc tctgctggca gggctttcga acttgaattc 360
ctgctcgaca ctaat 375

<210> 35322
<211> 97
<212> DNA
<213> Homo sapiens

<400> 35322
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ctgtgcaggc tgaaatagct ctagamacct gctatga 97

<210> 35323
<211> 219
<212> DNA
<213> Homo sapiens

<400> 35323
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ccattctaga tattcttggt ttgacaaatg acactacagt ctcgtaatat tgtcttttat 120
gtatatacaa aatttacctt ttactagca tctgagatag agttactttc tggtagccag 180
tatattggag tctgtcagam actctataat aggccacct 219

<210> 35324
<211> 243
<212> DNA
<213> Homo sapiens

<400> 35324
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tgacctggag aaattgagga agcaggaagc acatttgaga aaagaaaaat atagcactga 120
tgcaaaaata aagacctttg aagacaattt aattgaagca aggaaagaag ttgaagtatc 180
acagagtaaa tacaatgctc tatcattaca gttgagtaat aaacagactg aacttatcca 240
gaa 243

<210> 35325
<211> 289
<212> DNA
<213> Homo sapiens

<400> 35325
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agttggtgtt taaaatecca tgtccctccc cactcagttg gagggataac tctgaggtgt 180
gttctacacc gattcccaga gttccccagt gggattaagt tgcccacagc agaaactggg 240
tttataacat cgtttattga ctgccttctc tcctatctca tgtcccccc 289

<210> 35326
<211> 189
<212> DNA
<213> Homo sapiens

<400> 35326
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ttcaaccaac gcttccatgt ctctactctg tcgtaacaaa ggctgtgggc agcactttga	120
ccctaatacc aaccttcctg gtcagagttg cctctgaagc tgctgccgct aaatatatcc	180
caagcccct	189

<210> 35327
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 35327	
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tggctaagga aaccctatta cctccaggct cgcttctcat atgtgcggat gaaatatctt	120
ttcttttctt ggttagtggt tttgttgga agc	153

<210> 35328
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 35328	
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agttccctt ctgcttccc gagaaagggt tggtaggggt ggtggttag tgcctataga	180
acaaggcatt tcgcttcta gacggtgaaa tgaaaggga aaaaaggaca cctaattctc	240
tacaaatggt ctttagtaaa ggaaccgtgt ctaagcgcta agaactgcgc aaagtataaa	300
tbatcagccg gaacgagcaa acagccc	327

<210> 35329
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 35329	
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gga	123

<210> 35330
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 35330	
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tctggaatcc ccttatctct acctatctc aactggacat gccagagcac cctcttctgg	180
cctccaaaat gctacgccct gcatggcaac caacacctga gaatccctgc attattcaaa	240
atagaaccaa gggcaacgc	259

<210> 35331
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 35331
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 accaattatg gtatacaaaa ataagcctat aaatgtgttt cacattgcta acttgagttt 120
 cagttgattc agtttgtaat aactagtaat gagcttc 157

<210> 35332
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 35332
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 gcagagttcc cagcagacag ccatggctct tcccagcagc ctgtgcaaat tctgatgatg 120
 gcccccccc a 131

<210> 35333
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 35333
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 tggaagagaa aggctttatt gggaaattga tcggttttca taaaacaaat ctgtcatatt 180
 taaaaatggg cctgcataga atatagtgtg tatgaaaagt ggtggctaca gaatccttgt 240
 agttaaagct cagaaagttt tgatagccag cgar 274

<210> 35334
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 35334
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 gcattcttcc tttaccagtc aaatgctccc aggtcatatg ccagttaaac tccaccatgt 180
 tgcctcttag tgcacatgct tgagcccact cgcccagctc ctgagatcct atcgggaagc 240
 tgctgatcac c 251

<210> 35335
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 35335
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 agagtcagag aagaccagca aaaagattga aaatgggcat tgccgtccct gaatccttta 120
 tgaatgaagt ttctgtaaat aacctgggtc 150

<210> 35336
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 35336

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aatttttttaa ttgtattact atgatgttca gtaaatgctg agtgaactta cattctttaa	120
aatacatcaa aagaggctgg gtgcagtggc tcacacctat aatcctagca ctttgggagg	180
ccgaggcggg gg	192

<210> 35337

<211> 315

<212> DNA

<213> Homo sapiens

<400> 35337

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ggcgacagaa ggtgtccaac tatccattac caagaagaaa tctattcgtt tgagcctgag	180
acactctttg aggtaaaaaa ttagaatgaa agaacctttg gatgggtgaat gtggcaaagc	240
agtggtagca cagcaggagc ttctggacaa rattaaagaa gaaccagaca atgctcaaga	300
gtatggatgt gtcca	315

<210> 35338

<211> 139

<212> DNA

<213> Homo sapiens

<400> 35338

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atagctaccc tacttcttcg aatagagaaa gaggaattgg atatgaaagg aagtggtttc	120
tatgtttctc tggagtggg	139

<210> 35339

<211> 231

<212> DNA

<213> Homo sapiens

<400> 35339

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tgtttttctg aactctacta atgtgtattt tacaactatc tatacatttt tcttttttaa	120
aaggacactg tcaagtactt ttaaactgtt aattgtaatt ttaaaaattt cctgcatgta	180
tttattttta tttctattga ctgctctttg attttcttc ttggaacgga a	231

<210> 35340

<211> 187

<212> DNA

<213> Homo sapiens

<400> 35340

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gacaaatgtc tccgatgtc ttctgcgtaa attaaattgt gtactgaagg gaaaagtgtg	120
atcataccaa acatttccta aactctctag ttagatatct gacttgggag tattaataat	180
tgggcc	187

<210> 35341

<211> 177

<212> DNA

<213> Homo sapiens

<400> 35341

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tatmagahaa	acttaaatga	agctgggggc	ggtggcctgg	gcaatgtggt	gaaacaccat	120
ctctacaaaa	aatacaaaaa	ttagctgggt	atgggtcccag	ctactttcag	ggggcgga	177

<210> 35342

<211> 276

<212> DNA

<213> Homo sapiens

<400> 35342

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ggagtgtgg	aacagggg	gggaagggcc	ttagcactga	gagccgaaaa	gtataaracg	180
attagtttcg	gcgtcaggcg	ttttgaaagg	ctttgcaggt	cctgttttct	gcgtaatttt	240
tccgtgatta	ctgactgggt	taaacacgac	cccga			276

<210> 35343

<211> 220

<212> DNA

<213> Homo sapiens

<400> 35343

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aagaagaagc	tgtagtrga	ggccttgtgg	gcatgagaag	gatttgggat	tttattttga	120
ataacatgag	cagtgtttaa	gcagaagcat	ggcatgattt	cttacacctg	taaataattt	180
ctctagtc	gcacagagaa	taagttgcaa	caaggcaaaa			220

<210> 35344

<211> 275

<212> DNA

<213> Homo sapiens

<400> 35344

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tgactgcatt	grarggctgt	tcccagagta	agtttgtttg	ggggaagggt	tttatagcct	120
gaatcaaaa	tattttgagt	ttaaaagcac	aatttttttt	aaaaaaagt	ttgagtctgc	180
agggtgtaaa	ctcattttga	taataaaaaga	tgtgggttaar	aagggtgaata	avaatctgtt	240
atttttktct	ttttcagttt	taaataattg	ccatc			275

<210> 35345

<211> 332

<212> DNA

<213> Homo sapiens

<400> 35345

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cataatttttc	caaccctgct	ctgatgttaa	tcctccgttt	acggaaagt	tctatagaaa	120
ggtacatact	cagatagagt	tgtagatcgt	ctgcctatct	ccatatttgt	tcacagaaac	180
tgctgaagag	tagatttttda	agaatcaaaa	taattaadtg	tccactttta	ttcagataaa	240
aattaaggaa	ataattcaga	ttatgttttt	daraacaatg	actttttatt	aattcactac	300
catgtgactt	ttcttcttga	agattgatata	aa			332

<210> 35346
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 35346
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 gaggcagagg ttgatttact cagttattgt gcaagagaat ggaaaggaga gacaccccgt 120
 aacaagctga tgaggaaggc ttatgaggag ctattttggc ggcatcacat taaatgtgtt 180
 cgacaagtaa ggagagataa ctatgatgct ctcagatcag tgttatttca gatattcagc 240
 cagggcatct cttttccatc atggatgana gamaaggaca ttgtanbagc ttcctgaaaa 300
 actgctgttt tcacaagggt gtaattggat tcagcagtac agttttggtc ctgagaagta 360
 tacaggctcg aa 372

<210> 35347
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 35347
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 rragcaatca gtatrgaaat ggakaaatgg cttaccatgc atgtnccttct ccccaggagg 120
 gaggtcgtgg tgcaggcgag cagacgccag actcctggam acttgccgcc tgcgttatgg 180
 aggcttagct aataaccttg caggggtctt caggcttttc cactggctca cctttaggct 240
 tctgacactt wtacctacga ttgawaaaag acgagattcc atgagactag aaatgtagga 300
 gcatctcaga ctttcacaga acgctctgtt agaagatgag aacataacgt tgcttgtgag 360
 aagtgaagcc agctggactt c 381

<210> 35348
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 35348
 caatattttt ttaattaatg aaattttttt taaaggagca gtccaaagat ggtgacaagt 60
 cttttttctt ttactttcaa ggcagtttta ggaagcattc cctgtctatc ttccaaatat 120
 gatctggatt tt 132

<210> 35349
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 35349
 actgacagag tgagactcca tctcaaaaaa aaagagagag agagagagaa ttaagtgtctg 60
 gctgttttat tatgggcaag aaaaaaatgg ttacaaaatg acacatcctt tttttttctt 120
 cttgagacaa gttctcggtc tgtcaccag gctggagtgc agtggcgaga tcacgggtca 180
 ctgcaacctc gacctcctgg gctcaaatga tctcccgct cagtcctctg agtagctggg 240
 actgcaggct ggcaccacca tgcgcggctc t 271

<210> 35350
 <211> 250
 <212> DNA

<213> Homo sapiens

<400> 35350

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atatatytyy ycgaagccag tactgtgctc tgcataaac aaagctgctt caaggatgag	120
acctttttct aaaagcatgt aatgtgagam gccggcctgc cttatcttct tttttctttt	180
ttaatgatta amaatagttt gtggcaaggc acggtggctc aggcctgtaa ttctagcact	240
ttgggaggcc	250

<210> 35351

<211> 277

<212> DNA

<213> Homo sapiens

<400> 35351

tttgaaaca aggtgtgatt atgtataact ataaccagcc cttaatatct tttgtctgta	60
aatatgttgt taccattttt attggcttta tagtattcac ctgtctttat caaaccccaa	120
ttttgtcaaa tattaataat tttgccatta taaacactta ctttgatggc cctttttcag	180
tgtgtctgat ttattttatt attgttcatt tcagagataa tgtatcaatt gcttttgcatt	240
ataaragatt ttacattac agataaagcc ggcctca	277

<210> 35352

<211> 265

<212> DNA

<213> Homo sapiens

<400> 35352

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cagatgtgcc agttcatgtg ctttttccat tttagttttc tgaaacagaa acttcttggt	120
ctttaaagtt cttgttcttc acaagtttgt ttatactgag gaaagaaaaa aaccagaaac	180
attgggttca gacctctcca gagatgacag tactgcatta tatgaagaaa tagaaagava	240
agagtattat gagtttgcatt gcata	265

<210> 35353

<211> 391

<212> DNA

<213> Homo sapiens

<400> 35353

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ccaccagag gagtcrattc cgaagcccg tccactcgc ttcaaggacg acgacggcga	120
cgaggaggac gaaaatggg tggcgacgc ggactacggg agcggcttcg gcagtgcgag	180
gagaccatcg agcagctccg cggcgagaat caagaactta aacgaaaatt gaacattctg	240
actcgaccga gtggaatatt ggtgaacgat actaagttag atggacctat attacagatt	300
ctattcatga acaatgctat ttcaaagcaa tatcatcaag aaatagagga atttgtatca	360
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<210> 35354

<211> 203

<212> DNA

<213> Homo sapiens

<400> 35354

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aagaaataaa caggcagggtc tgaggaaagt gatttagaaa aatattttga tttattttaa 180
ctttaaacta cagagtagaa ggt 203

<210> 35355
<211> 167
<212> DNA
<213> Homo sapiens

<400> 35355
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gtatatttca tatagttcac aggaagaaat ggatttctaataaagtgtctt tgcttaatga 120
acaatttctt ccactcatta gactttttaga aagcaaatac cccctc 167

<210> 35356
<211> 297
<212> DNA
<213> Homo sapiens

<400> 35356
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caatgtagac aaaaatgttt gggatgggga gatgttgcc agaaaaactt catgccaaca 120
agcataatgc tttcaggagg gctcaaaagg aagttacttg atgactaaac tattgctcac 180
aatttgttt gggcttatag gattcggagg tgcaggggca gaatgatgcg atacttttcc 240
tcacttatta tragggtcac agcccataac aaaagacagg ttaacaagag aagagtg 297

<210> 35357
<211> 172
<212> DNA
<213> Homo sapiens

<400> 35357
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cccacgcctr gcamagagcm tggmaaagag taagcgctca aggaagatct gtgaamtga 120
tgcattgctaa aaggaagccc cgcgctctgc cggggccctg gaactcaggc ca 172

<210> 35358
<211> 383
<212> DNA
<213> Homo sapiens

<400> 35358
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tacttttgag tttcatatta ttattcttaa agatttactt atgttggtgaa tatcaatatt 120
tccccccact gctgtaaagc agcagtcctc aacctttttg gcactagggg ccggtttcct 180
ggaagagggtg gggatgggat ggtttcggga tgaaactgtt ccacctcaga tcaccaggca 240
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ggtaatgtga gcgatgggaa gca 383

<210> 35359
<211> 236
<212> DNA
<213> Homo sapiens

<400> 35359

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gatggtggct	gacctgactc	agagcataac	ccggcccaca	agtcctcaa	catactggcc	180
atcttgtaat	bsctgttcct	acccaattta	atgaatagta	tacctcattt	actgcc	236

<210> 35360

<211> 313

<212> DNA

<213> Homo sapiens

<400> 35360

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agatggtcat	tccggactcc	tgacgcgcgc	agtcgcgcgc	tgagatgtga	gcgccattgg	180
cgtccgtggc	ctctgtttcc	gtggcaacct	agtaaccatt	aattttcaat	taaaggagac	240
aaaaagctcg	atgacagctc	caggtctgct	gaagatgtca	agaatctgta	ttaatatata	300
gcaagagagc	aac					313

<210> 35361

<211> 286

<212> DNA

<213> Homo sapiens

<400> 35361

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aattttagttg	ttaaagtaag	atgaaactgc	tttatattam	actctagtct	ataacagtga	180
tctaatacaag	ttccaagata	gamtcactctg	cttatttagcc	aaggcaatca	attagttcaa	240
tcaggaattt	tatgtctgat	gggacagaat	agtatccacc	ctccaa		286

<210> 35362

<211> 172

<212> DNA

<213> Homo sapiens

<400> 35362

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acaattttta	aagttaaatt	tcttatttgg	aaaattgttc	tgaatttgat	atttaggagt	120
ggccactcca	atcttagtga	atttgctcat	ctcttcaggt	aatcagccct	gc	172

<210> 35363

<211> 150

<212> DNA

<213> Homo sapiens

<400> 35363

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aattgcaaaa	atgataacag	cccgttccc				150

<210> 35364

<211> 194

<212> DNA

<213> Homo sapiens

<400> 35364

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gtcatcattt	agtatctgtt	taatttttca	gtccaaagag	aggaaatcag	tcgctgagta	120
ttatttgact	ccggtctcct	tggtgcaaaa	acaaaatggg	aaahataaat	aagaataact	180
cagaaactca	aaag					194

<210> 35365

<211> 258

<212> DNA

<213> Homo sapiens

<400> 35365

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aacaaccatc	agacctcagc	tgtacaataa	caggtgtttt	gtttaattaa	aattatactg	180
ttctgcagca	tttagacatt	tgtcacattt	cattagcttt	gacaaccata	ctgtaacatt	240
aaacctagca	ttccacaa					258

<210> 35366

<211> 258

<212> DNA

<213> Homo sapiens

<400> 35366

cttaggttgg	gctgctgaaa	caaaatacca	cagcctgagt	gacttaaaca	acgacaattt	60
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atggctacct	tcttgctatg	tcttcacatg	gcaaagagag	agctagcttt	ctggctcttt	180
cttataaggg	accagtccca	tcatgcccat	catgaagact	cgatctgcta	ggatctcaac	240
taaacctaac	tatcaccc					258

<210> 35367

<211> 351

<212> DNA

<213> Homo sapiens

<400> 35367

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ggtctgtktc	tgacaccttt	ccagaaaaaa	gtcaattggt	caggtacacc	aaagaggaag	120
aagagctgtg	gaggccaccc	tctacaaagc	tttatagaac	ttctggatct	aactcacaaa	180
caagcttcca	gaagagacta	gagaccttag	gccaggagat	gaaggagttc	agtagcaaag	240
tcacacctgt	ccaattccct	gagctttgct	cactcagcta	atgggatggc	aaagggtggtg	300
gtgctttcat	cttcaggcag	aagcctctgc	ccatccccct	caagggtctgc	a	351

<210> 35368

<211> 272

<212> DNA

<213> Homo sapiens

<400> 35368

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accactaaaa	tatttttctc	aagaaggcat	actgtaacag	aaaagatagg	taagatat	120

ttttcccaag aagtaagaat tgattgtgct gaatgttcaa actctggaaa ctgttcacag	180
tatgttggtt ttagctgtta tttatataar gtgaattatt ttctctctca atcatgccat	240
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<210> 35369
 <211> 173
 <212> DNA
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<400> 35369	
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agagacgggg gtttcttcat gttggtgagg ttggtctcga actcctgacc tcaggtgatt	120
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 <211> 122
 <212> DNA
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cg	122

<210> 35371
 <211> 245
 <212> DNA
 <213> Homo sapiens

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cagacagcag acactatctt actctaaaga agctctcaga ggagcttctt taccacctaa	120
tgtggtatca gggacagttg aacagggagt ctgtgagga cctctgaggt tgtgggttga	180
gagggtcgat gttactgtga cccctgcacg ccaggtcctg gggaccagct tctgccctgg	240
gacta	245

<210> 35372
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 35372	
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atcctacggc tggacacttg agttgaccgt ttaakaatat gttagattag gatcaagagc	120
aggawatgga acattccaga tggagaggtt g	151

<210> 35373
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acttgactac	ctgggtccctt	ttatatatat	ccatcagtg	gtgggtttttt	ttgtttgttt	180
gggttttaac	acttccatac	tttctggcac	tacaagatgc	tcctggcact	gcatgtatat	240
tttgtgccct	actcctagaa	ttaggcattt	gtccaaggag	ctgtggttcc	ttttattgga	300
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<210> 35374

<211> 382

<212> DNA

<213> Homo sapiens

<400> 35374

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atccatttgt	acattagtat	ggttctacag	gaccccagct	gtggaagtaa	caaatttctt	180
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aggcttccat	gagctcagtg	tccaagaca	gcaaaaatct	ggtataccct	gtagaagcag	300
gggggtagca	aatttaggct	ctcttcgaaa	ttacttgtac	aatacgagt	ccttcgcagc	360
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<210> 35375

<211> 200

<212> DNA

<213> Homo sapiens

<400> 35375

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taaatatata	acagtatcca	aagttatacc	ataataattt	attgtaattg	tgtattacat	180
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<210> 35376

<211> 115

<212> DNA

<213> Homo sapiens

<400> 35376

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<210> 35377

<211> 53

<212> DNA

<213> Homo sapiens

<400> 35377

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<210> 35378

<211> 164

<212> DNA

<213> Homo sapiens

<400> 35378

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ttgggaagct gaggcgggcg gatcacctga ggtcaggagt ttgagaccag cctagccaac 120
atggtgaaac cctgtctcta ctaaaaattc aaaaattggg catt 164

<210> 35379
<211> 153
<212> DNA
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<400> 35379
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gatctagaac tagaaatacc atttgacca gct 153

<210> 35380
<211> 180
<212> DNA
<213> Homo sapiens

<400> 35380
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<210> 35381
<211> 79
<212> DNA
<213> Homo sapiens

<400> 35381
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<210> 35382
<211> 192
<212> DNA
<213> Homo sapiens

<400> 35382
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ataagrtctt tagaagttag ataaattttt cgctgggttaa aaaaaatcaa actttcctct 120
gcagtgtttt tgccaagttt tgtcacactt catgtgtatg cattaactat wcttcttagt 180
gttactgcaa aa 192

<210> 35383
<211> 265
<212> DNA
<213> Homo sapiens

<400> 35383
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cgggactacg gcccggtgag tggccgctgt cgtccctacg gagcagtggg cagagagggg 180
tagtggagga gggaagttcg tccccagggc cgtttgcttt gcgcacgccg cgcaccgtat 240
cttcaaatac aagaatgacg gcctt 265

<210> 35384
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 35384
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 ttatcagaat aaaatgaaat ttcataactg tggcca 156

<210> 35385
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 35385
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 tgtgtacgtg tgtgggagag gtataagaga cctaggttgc catattctat cacagaaaat 180
 gcataataac taaatctgga aaatgatgaa tagctgtaca accatattat ttagcaatag 240
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<210> 35386
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 35386
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 agatgggtta tctgcctatg ttccagacac aagccgatat gttgtggttt gcccagtaca 180
 gtctctgttg tttactgaga ggaagtgggt cttgtgggtg aaggtctgat cttttcagag 240
 attgttggtg gcatatgcac tgtcagccta tttcctgttt tattggctgt ttagcaagac 300
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<210> 35387
 <211> 246
 <212> DNA
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<400> 35387
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 acccccgcgc tagaactttt gccagtgbc tttctgaaac tctgtgtcc cgggccccc 180
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<210> 35388
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 <212> DNA
 <213> Homo sapiens

<400> 35388

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gcggccacac	agtcctctga	aaaatatacc	tttgacagata	tcctctttgg	aaatgaacag	180
ataataagtt	cagcaagccc	atgtgcagac	ttctttttatc	gaagttttatc	ttctgaattg	240
aaaaaaccac	aagctaa					257

<210> 35389
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 <212> DNA
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ggtcttacag	gaaaggtct	tttt				144

<210> 35390
 <211> 393
 <212> DNA
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<400> 35390						
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gctgatgaaa	actctcaaaa	ccaggatgag	gccgggagca	gtggctcaca	ccacgcctct	180
aatcccaaca	ctttgggagg	ccaaggcagg	aggatcactt	gagcccagta	gttcaagacc	240
agcctgggaa	acttggaag	acccgatctc	tacaaaarat	caaaaaatta	gcaggatgta	300
gtgtgtgtg	cctgtgtgct	cagctacttg	aaaggccgca	gcaggaggat	tacttgagcc	360
caggagttca	aggctgcagt	gagttatgat	cat			393

<210> 35391
 <211> 182
 <212> DNA
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<400> 35391						
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atactcagga	gtgggaagag	gaaatcatat	tcgtaatttc	atttcgttga	agccctgcca	180
gc						182

<210> 35392
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<400> 35392						
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aacttaacag	gccatcacaa	gcaattgtct	tttgttttaca	agattgattt	aatatgagag	120
gatacraaat	gtcatcgta	tcctctctta	tgaacaactg	tagtcaaaat	aagggtggc	180
aattttaattg	tkttgtatca	garatacact	gacccacctt	ttattgagtc	ctgccacatg	240
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aaggaggtgc						310

<210> 35393
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 <212> DNA
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<400> 35393
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<210> 35394
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 <212> DNA
 <213> Homo sapiens

<400> 35394
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 atgaatgaat gaatgaatga atgaatgaac gaacgaacaa ggtgggttaa tgtcagaaaa 180
 cttcctaagc atttgctccc caaacct 207

<210> 35395
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 35395
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 caaacaatag agctgtaaaa tacatgaagc aaaaactgac aaagctgaaa agaaaaatag 180
 gaaattacac tattacagtg gaaaacttta acatttctct ctcagcaaatt gatatagaaa 240
 ttaggcataa atctgcaatg ataargract caacacatga ttaaccaara ggatctgatc 300
 aacagtagac aatgaataat acacagtatt ttca 334

<210> 35396
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 35396
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 tttatcataa gctaaatatg tatatgtctg tctggatgta tatatgtgta tatagagtat 120
 gtgtatatatt gtatactatt cctcacgacc tctcagttcc accctaacca cagcagtttg 180
 tgcacggact 190

<210> 35397
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 35397
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 tttgatctag gattggaata tgagctttta tacaattcat attcttattt ggcaaatgca 120
 cagtttagta ttacctctct gatggccttt actagaaagg cagtttttaga agctattgtg 180
 atccactaag gaaatgtttt aacagctaga gaccactgct tgcctgaaag gcgttcttaa 240

atttggtgca gcaaaa

256

<210> 35398

<211> 206

<212> DNA

<213> Homo sapiens

<400> 35398

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ggccaagggtg ggcggatcac ctgagggtcgg gagttcggga ccagcttggc caacatggca	120
aagccccgtc tctgctaaaa atatatatat ataagtbagc cgggcgtggg ggcacatacc	180
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<210> 35399

<211> 136

<212> DNA

<213> Homo sapiens

<400> 35399

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ttttgtctga tataagaata gctactacta ctcatctttg gtgtccattt tcatagaata	120
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<211> 220

<212> DNA

<213> Homo sapiens

<400> 35400

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ggagattccc acaaaattat cttattgtaa taagtggga gtctctggga atccttttgt	120
tctggcaatc tattgctatg taacaaatga ccccaaaact tagtggtttc agataatgac	180
aaaatttatt ttacttaagt ttctgcaatc tatgtgagtc	220

<210> 35401

<211> 372

<212> DNA

<213> Homo sapiens

<400> 35401

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attgagtgtt agaaccggag aatgttataa ctgttataaa ccttataggt ttttatatca	180
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cctgggagtg tgackmhnaa ttgttgggga cccagttctg cttccttaag tattatgcct	300
agttcagctg atcaaaacag ctccactttt atctcttttg aatatatgta tagggttcta	360
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<210> 35402

<211> 307

<212> DNA

<213> Homo sapiens

<400> 35402

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 taggattgcc caggagtcca acgatcacgt gtgtctccag cactgtttga gctggcttta 240
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 agtacat 307

<210> 35403
 <211> 383
 <212> DNA
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<400> 35403
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 gatggttttg agaaaataac ctgtatttat cacattgtca aacagaattt ttctttgaat 240
 cagacaagtt caagctctaa attgatgtgc tatatactta agatcctagg aagttatctg 300
 taaccagtct ctgtgtcag gctcttcacc ttgttaccaa tcctcgtaag tatgtaaagg 360
 aaacatattt ttvaagaagc tta 383

<210> 35404
 <211> 303
 <212> DNA
 <213> Homo sapiens

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 <211> 243
 <212> DNA
 <213> Homo sapiens

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 agcaccattt gttgaaaagg ttatcctttt cccacttta tgtttttgtt tgctttgttg 180
 aagatcagtt ggctgtcctt tgtgatttac gctttaaaga ggttctgtgc aaaaatcaca 240
 agc 243

<210> 35406
 <211> 188
 <212> DNA
 <213> Homo sapiens

<400> 35406
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gtcgtcaaga aggattcttt tttcttctgt ttctttttct actaagattt gaattttaag 180
 accccgcc 188

<210> 35407
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 35407
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<210> 35408
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 35408
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 aatcttttga tgaaattagt aacctaggga gatagacttc aggctctctg gctgtctgta 180
 gc 182

<210> 35409
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 35409
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 aagattggaa atattgggaa aaaaaattgc gtctgtactg aacatgtaca gacttttttc 180
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<210> 35410
 <211> 183
 <212> DNA
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<400> 35410
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 gcagcagatg gtgatgagag gccaccgaga gacctccatg gtccatgaac tcaaccggta 180
 ctg 183

<210> 35411
 <211> 136
 <212> DNA
 <213> Homo sapiens

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ccataaagct acaacc 136

<210> 35412
<211> 309
<212> DNA
<213> Homo sapiens

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cgaccgga 309

<210> 35413
<211> 394
<212> DNA
<213> Homo sapiens

<400> 35413
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<210> 35414
<211> 289
<212> DNA
<213> Homo sapiens

<400> 35414
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<210> 35415
<211> 205
<212> DNA
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tagccattct tttattcctt tactttttta ataaacttgc ttttacttta tggaaaaaat 180
aaatttttaa atgactagat gaagc 205

<210> 35416

<211> 138
<212> DNA
<213> Homo sapiens

<400> 35416
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ccccctctctc ccagcccc 138

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<211> 242
<212> DNA
<213> Homo sapiens

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ccataaattc tacaagaacc acagacaaga tactgttaacc ccatagaaaa ctctgtctac 180
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ac 242

<210> 35418
<211> 353
<212> DNA
<213> Homo sapiens

<400> 35418
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ttgaaaaact tgctctcttt caatactccc aatgaagata catttcactc accctccacc 180
cctgctattc tgccatgtct ttcccctctct ctgcatagcc agatttgaag tgactgatac 240
ccaccccaaa ccttgctgtt cacagtctcc aattcttcat attctaattg gaaagtaaag 300
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<211> 180
<212> DNA
<213> Homo sapiens

<400> 35419
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<210> 35420
<211> 87
<212> DNA
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aaaggaagtt ctgagctttt ttttttt 87

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<211> 124
 <212> DNA
 <213> Homo sapiens

<400> 35421
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 ggat 124

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 <212> DNA
 <213> Homo sapiens

<400> 35422
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 tacaggcttc atgttgagtt ttgtaaagag ctttctcttt gccaaaacat tttcagactt 180
 caaagaacca ttgtgtaaaa actctttttam dcaatgtatc ttaaatagtt ttgatcattt 240
 tatttaataa aagaagctta t 261

<210> 35423
 <211> 54
 <212> DNA
 <213> Homo sapiens

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<210> 35424
 <211> 147
 <212> DNA
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<400> 35424
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 aagagttcat gcttcaagac cagcccc 147

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 <211> 191
 <212> DNA
 <213> Homo sapiens

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 mgtaaacgct ttttttaama gtatthtttac tggthttata ccaatattat atgcagamat 180
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 <212> DNA
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cacatttctca	gaagtgaag	aatgacacgg	tggtgtcagg	ttatacctcg	ataggctatg	180
tatgtctgtg	ggcatcctga	gagagaggaa	gtgtgccctg	catcttgagg	cttgggtctg	240
tccaataatt	ttdagcccct	gggctctgct	acccagtgc	cttatacaca	cacacacatg	300
agtgtgcaca	tacatacacc	ccacacacag	aragtgacat	gacatggctg	ccacacccat	360
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<210> 35427

<211> 147

<212> DNA

<213> Homo sapiens

<400> 35427

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aatggagaaa	aagatagaaa	gcagccc				147

<210> 35428

<211> 159

<212> DNA

<213> Homo sapiens

<400> 35428

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<210> 35429

<211> 285

<212> DNA

<213> Homo sapiens

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agttgcttca	cgttgcagct	cagcagggtt	gtccagctac	ataggctcca	gaaaacaaga	180
agcaagactg	gaaagctggg	gatgattgta	cgccctcgcc	tgaatcttac	gtggttcctc	240
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<210> 35430

<211> 279

<212> DNA

<213> Homo sapiens

<400> 35430

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gatagcatat	gtgttcaggt	ttatagctgt	tgtgtttaa	aattgaraaa	agtggaaaac	120
atctttgtac	atttaagtct	gtattataat	aagcaaaaag	attgtgtgta	tgtatgttta	180
atataacatg	acaggcacta	ggacgtctgc	ctttttaaag	cagttccgtt	aagggttttt	240
gtttttaaac	ttttttttgc	catccatcct	gtgcaatat			279

<210> 35431
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 <212> DNA
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<400> 35431
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<210> 35432
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 35432
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 gtaatccag cactttgggg ggtgccgagg cgggcggatc acgaggtcag gagttt 116

<210> 35433
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 <212> DNA
 <213> Homo sapiens

<400> 35433
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 aaataccacc gccccaaat ggaaggctat aatgttctta ttgttagcaa gaaaaataac 120
 atggctatta tagctaaatt aactaaatgg cctgccacct gagaatctat tgtttatggc 180
 aggttcagt acagacaca 199

<210> 35434
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 35434
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 cggccacaga agacccaggt gatctgatcc cgggatccc gctccaagct ctctcgcgt 180
 tttacagatt tcacccccgc gactatctcc ccaaaacgga gcctttatat caagaga 237

<210> 35435
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 <212> DNA
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<400> 35435
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 tttattatat ktatttttat atgtaaaaat ttgagtgggtg 100

<210> 35436
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 35436
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 ttatggactc aagactgcga tcaggaatgg agactggcag c 101

<210> 35437
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 35437
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 gccctctttc tttcctctat tttcatgggt ttttcttcta agcccaaagt ttaagtaact 120
 ttgccatgat aacccaagtt tatgtctcca gctcagactt ctttgaccca tatatccagc 180
 tgccatttca acattgccat gcaaagtca aactcattat attcaaactg aatttgtgat 240
 tttacccttg ggacctgacc ctcttccaat gatctcttct tcatgattag taccactcac 300
 ca 302

<210> 35438
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 35438
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 ctgcaacagg caaaactaaa aagaaactag aaatagccta aatgccagc cacaatgga 120
 taaataagta caggg 135

<210> 35439
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 35439
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 tgcccttttg acatgtaaaa tttttaggat ttgaccacac aatggctatg aaaatgcaag 120
 tagtttcttc gcgtgacctc accatgattc acatagcgt 159

<210> 35440
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 35440
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 gatccctccc tctgtgaaaa gaggggcata gtctgaaatt ctttgtctca ggagcactgt 180
 tcttttttagt taacctttca tttatgtata tttatgcaga cc 222

<210> 35441
 <211> 284
 <212> DNA
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<400> 35441

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ctaaaataag	ttttattcca	tctgcaaatt	gctgcaatat	tatagtaatc	agaaactaca	120
taaggaatgt	tatataggct	tgtcagttcc	catttttctt	gacaacaata	aataccactt	180
ttaaraatga	cacatattta	aacacttaga	aaatraagtt	aacacttact	gargtgctag	240
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 <212> DNA
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tgtttggttg	tttttgagat
ggagtctccc	tctgttgccc
aggctggagt	gcagcagcga
gatcttggtc	cactgtagcc
tctgcctcct	gggttcaagt
gattctcctg	cctcagcctc
ctgagtagct	aggagtacag
gtgcggtgcc	ccacacctgg
ctaatttttg	tatttttaat
agagacgggg	tttcaccatg
ttggtgaggc	tggtctcaaa
ctcctgacat	cgtaatctgc
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cactgcgcct	

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 <212> DNA
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<400> 35443	
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catattttcc	tttaagacat
tgaaaatagc	tacaaccact
acttttaaa	tattgtcctt
tcagttccaa	gtttgctgag
agtttttatc	atgaatggac
c	

<210> 35444
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 35444	
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attggataat	tttaaagtgt
ctataattgc	agtggtttat
ttgcaaaaatt	cctaaaagga
aaaattttat	cactgccatc
acagcagggt	tcctcatcca
gatgaggaaa	ctagacaaat
gctagtgtgt	tttaactagc
ta	

<210> 35445
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 <212> DNA
 <213> Homo sapiens

<400> 35445	
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gtgaggcagc	tgtcacccctg
attttacaga	aaggtaactg
cagcccagca	cagtgatgtg
acttagccca	aggtcactcc
acacattacc	tcatcaccta
cttcatttgc	agagaaaata
aaagctgtca	caggagagct
cctgcggcca	ctaattccca
agcatctgca	ctgktcttgt
ctcctctcct	gtkacartgg

gaagtttgcc tctgtccacc caaagcccct agcgtcatc ccc 343

<210> 35446
<211> 82
<212> DNA
<213> Homo sapiens

<400> 35446
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acacacacac acacacacac ac 82

<210> 35447
<211> 116
<212> DNA
<213> Homo sapiens

<400> 35447
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gccgacacc caggccatcg agccccaggc catcgtgcag cagggtcccag accccc 116

<210> 35448
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<212> DNA
<213> Homo sapiens

<400> 35448
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agttcttgtc caagtctcac acaatcccct gaagagtggg gaaaatactc tccaaagtcg 180
ctgaaccctg agcacaggac cacatcccag gaactgccac ataagaaagg gggaatccat 240
gcatggactc aaagtactga atcagcagct ggaaatacta aagtaattca tgaccatag 300
aagcacaagt caaaaatggg agtctgca 328

<210> 35449
<211> 114
<212> DNA
<213> Homo sapiens

<400> 35449
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ccagcctccc agtccacaca gctgccatgc tcaagttccc ctcaggagac caca 114

<210> 35450
<211> 171
<212> DNA
<213> Homo sapiens

<400> 35450
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<210> 35451
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<212> DNA

<213> Homo sapiens

<400> 35451

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aatctgttat	ccattatcct	gaatccacag	aacctgaaat	acagcaagaa	atgtccacgt	180
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<210> 35452

<211> 99

<212> DNA

<213> Homo sapiens

<400> 35452

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<210> 35453

<211> 132

<212> DNA

<213> Homo sapiens

<400> 35453

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<211> 401

<212> DNA

<213> Homo sapiens

<400> 35454

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togtgggaga	agaaggattt	cagataccac	gggggtgggca	ggcattatag	caggagctaa	180
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<211> 160

<212> DNA

<213> Homo sapiens

<400> 35455

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<210> 35456

<211> 245

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ccgca						245

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<400> 35458

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accattctgg	tttagttatt	ctaaaccaag	tgtggtcctt	ggagcagcaa	ttcagcatca	180
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<400> 35459

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gaggccaagg	cggcggatca	cgaggtcagg	agatogarac	catcctggct	aacacggtga	240
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<400> 35460

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atgtattttc	agtgataagt	ggatcatgctg	acagaatgtc	taaacttatt	gaaaagtctg	180
tgggtattac	atccagttga	ttataaaata	ctaatatctg	gtgactaagg	ggccagaatc	240
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 <212> DNA
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tgtttcctaa	agctggctct
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cttgctcaatg	actcatcatc
ctctcatgcc	agcaccctta
180	

<210> 35462
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 35462	
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120	
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173	

<210> 35463
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 <212> DNA
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<400> 35463	
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aggtcaaacg	agaatgaagc
120	
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171	

<210> 35464
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atgtccactt	gctgattcta
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273	

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ctccgattgg	agacgcttct
ccttggtgcat	gtgagttgac
tgatgttggtg	agtgtaaatg
catttggtta	tttctggtat
cggtggccac	ttggatggat
ttttttacat	tctgttcccc
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taagtgggtg	tctaccattg
cacataatgc	attcctaaat
atatatgana	atgtcataca
aaatttcagc	atcaaattgg
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tcacaacatt	aggaaatttt
ttcagaaggc	agctatgcaa
attcacatgg	atccaagata
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 ctgaatactt aactcaaggc caggatccat gtaataaata aattagcctt atttgaagct 180
 gtgttcaggc tgaatatctc taatctgaaa tttgaaatgc tccagaatct gaaacttttt 240
 cttttctttc tttctttttt tttwaattaa agttctaggc tgcattgtgc caatgtgcag 300
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<210> 35471
 <211> 157
 <212> DNA
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 <212> DNA
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<400> 35472
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 tcccctggat ccggtgagga aggggaaggc ttggcaggag tcggatgcct cctctgagga 180
 ctgaaggctt tcctgccttc catagttggc ttttgttctt tagcagagga gtttgattcc 240
 tatcagggca ggcattatgg aaagggaaga acggttgtgt gaaatcgctt ccccttgctt 300
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 <211> 122
 <212> DNA
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<210> 35474
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 <212> DNA
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 tatttaagtc ttttaattcat ttgaattaat ttctgtagaa ggtgtaagga agggatccac 180
 tttcagcttt ctacatatgg ctagccagtt ttcccagcac tg 222

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<400> 35475
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 gggggaaagt tatagatttc agccttggat gatcagttta ggattttgag aattgatgtt 180
 tttccatatg gtttctgttt tccccagct ctccatttga accagctgct tgttttaaaa 240
 ctatctacta aattccatct acccactggt tgggtctgatt ttaaaanwnn gagacctctt 300
 tgaaacaaaa tttgtttcct ttattaanvt atgcaatgct gcaccgtctt taattttgaa 360
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<210> 35476
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 <212> DNA
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<400> 35476
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 ctaattagga aatttcaagt tggccaataa tagcattctc tctgacacat 170

<210> 35477
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 35477
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 gcttctctga cagaccgcga gcnctcgcg gggggccaga aaccaattgg aatgggacag 120
 accctgatgg ggtcaggaac aaagagccag cgtgggagag gtgatcaatg agcaggaggt 180
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<210> 35478
 <211> 117
 <212> DNA
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<400> 35478
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<210> 35479
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 35479
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gggttcaaga gtctcgctct gtcacccagg ctggagtgc atggcacaat ctgagctcac 300
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ata 363

<210> 35480
<211> 299
<212> DNA
<213> Homo sapiens

<400> 35480
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atgttgccct ttgagggtcca gatggccagc tgttctatct cacctggagt attaatttct 180
catctccaaa gctttacttc caccagaaa agaccagata gtattaaaat atgatgggtg 240
aaacacacga ggaattaaaa attttttggg aagcaattgt gtaaaaaaga aatgtaagc 299

<210> 35481
<211> 223
<212> DNA
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<400> 35481
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acgtttataa tggccacccg acttgtacct gggtaattgt ttaactcctt cccagagtt 120
ctcaattagc atgaatttac tacagtcaga gtttccttta aattgggggtg ggggtgctaa 180
gcactgaaaa tatctttctt gattacttta ccatgtggac ata 223

<210> 35482
<211> 344
<212> DNA
<213> Homo sapiens

<400> 35482
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tgtgaaggtc tcgattggca aatgagtgtg ctactttaca tgttccatt taatcatcac 180
accaaccctc tgaggcatgt tagagaggta gagtaggttt tctaaggtaa tgtctaatta 240
atggcagagc acactcccc acacatatag ctttaatttc ctacatttgt ayggcccttc 300
cttcgttccct tcgttccttc gttccttcgt tccttccttc cttc 344

<210> 35483
<211> 202
<212> DNA
<213> Homo sapiens

<400> 35483
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gaggagctgc gggcggtgag ccccgaggag ggggcacgtg tgtacagcca ggtcacctg 120
cagcgctcgc tgctggagga caaagagaaa gtgtcagagc yvgaggcagt gatggagaag 180
caaaagaaga aggcggaatg gc 202

<210> 35484
<211> 355
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<213> Homo sapiens

<400> 35484

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aagggagaga	aaggaatagc	ctatgcctct	tacttgtgcg	ggtcagtgtt	cgctgaatta	180
gaagttattc	caacatgaac	acaatcctca	ggatgaatga	ctgcctagac	tntgaacgta	240
atggtcaacc	agttttcacc	cgaattttga	ctgtttcatt	tagaagaaaa	gcaaaatgag	300
aaaaagcttt	cctcatttct	ccttgagatg	gcaaagcact	cagaaatgac	atcaa	355

<210> 35485

<211> 303

<212> DNA

<213> Homo sapiens

<400> 35485

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acttgaattt	atccaaacaa	gctacctatg	acttagagtt	tgggcataag	ttttaaatc	180
aatgctcagt	cgaactggat	ctgggttcag	gccactcca	aggggtggtt	caggggtggt	240
ttttcagtac	ttgtcccaga	ccacacaggt	agccttggtt	ctgagggcag	ctttatggga	300
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<210> 35486

<211> 294

<212> DNA

<213> Homo sapiens

<400> 35486

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caagggtttc	aaacaatttg	catgtttttc	akwtgctttc	aaatcttttt	ttaaaaaat	180
agtgtaaaat	atttnaataa	gccaaagcca	tgtggaattt	ttgttttagat	gccttaactg	240
tgccacaccc	cacaaccccc	tatattattt	tggttgwcta	tttctcacag	cgaa	294

<210> 35487

<211> 260

<212> DNA

<213> Homo sapiens

<400> 35487

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gactttgcat	aaaggctgag	gccctcttca	ggttaagtga	aggaacaacc	ctgcctgtgg	120
tctaacattt	ggcttatctc	tttgccatt	cttggcagca	aggaggctga	tagttgttat	180
gaaagaggag	tcagtgtgga	gagtaggaac	ttattactct	tttttgcaaa	atcttccttt	240
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<210> 35488

<211> 153

<212> DNA

<213> Homo sapiens

<400> 35488

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ttatgattaa tactgggtat gttctggtaa atccatcctt attgtataga aaaaaaatta 120
cttttttacc aggttttcca aagacagaat gcc 153

<210> 35489
<211> 147
<212> DNA
<213> Homo sapiens

<400> 35489
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ctcccgggtt caagcgattc tcctgcc 147

<210> 35490
<211> 134
<212> DNA
<213> Homo sapiens

<400> 35490
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tgtgacttgc acgtatacgc ccagtggcct gaagtaactg aagaatcaca aaagaagtga 120
atatgccatg cccc 134

<210> 35491
<211> 137
<212> DNA
<213> Homo sapiens

<400> 35491
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cactgctgct gaatccaaag cccaccctgg aggggaagca ggcggcggcc acctctgctg 120
ctcacgtcgc ggggctc 137

<210> 35492
<211> 307
<212> DNA
<213> Homo sapiens

<400> 35492
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<210> 35493
<211> 178
<212> DNA
<213> Homo sapiens

<400> 35493
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gggtatgtct gtgaagggtg tcacaagacc atggctaaag ctatcaaaga cagagtatcm 120

ttaattaaga ggaaacgaga gcagcggcag ttggtacggg aggagcaaga aaaaaaaa 178

<210> 35494

<211> 286

<212> DNA

<213> Homo sapiens

<400> 35494

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gtagagttag	taaactaaca	cattttgtac	actttgttaa	aatttgtaga	aaggctgtct	180
tctgaaaagg	acttttgga	gtgagataac	atcagctcta	agtgacacgt	gcctatatcc	240
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<210> 35495

<211> 246

<212> DNA

<213> Homo sapiens

<400> 35495

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gacaccacca	gaaggccag	ggctctcccc	atgagataat	cagagggaat	gcaggacgtg	180
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<210> 35496

<211> 347

<212> DNA

<213> Homo sapiens

<400> 35496

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ttttttgcat	acctgatgct	atgagtggtg	aaatctgtat	gaaacagatg	ccaacatttt	180
cttccatcat	ttacatactc	actttgcaag	ttgttttgct	aagtccttat	cacaggatca	240
acaatacctt	ggcttaaaat	agaagctcgc	aagaaatacc	aactatttgc	ttacaaatat	300
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<210> 35497

<211> 400

<212> DNA

<213> Homo sapiens

<400> 35497

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gccgtctacc	atggtgtacg	acgcctgccg	catcattcgt	gagcggatcc	cagaggcccc	180
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gtacaggaag	aracagagac	cctgaagatc	cgtatgctgg	atggaactgt	gaagacgatc	360
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<210> 35498

<211> 308
<212> DNA
<213> Homo sapiens

<400> 35498
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ctgcttgg 308

<210> 35499
<211> 206
<212> DNA
<213> Homo sapiens

<400> 35499
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tcaaaaaagc aaacctctgc tgtttgttaa gtaggggatg ctggtgagag aacagcatga 180
aatggttaaca ttttgcattc tcccc 206

<210> 35500
<211> 349
<212> DNA
<213> Homo sapiens

<400> 35500
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aaaatagact taaatgaatg cttctagaaa cttccagcgg ctcaaaaaga ataagactgc 180
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gcctatgaat taacccaaag aagctttggt tggttttggt ggatttttat catgccatgt 300
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<210> 35501
<211> 274
<212> DNA
<213> Homo sapiens

<400> 35501
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actacccttg gatgctgctg ttgacatgga aaagattgag gaacaatttg ctaatctgca 240
cattgttaaa tggttccttag gaaccaaaga gcc 274

<210> 35502
<211> 231
<212> DNA
<213> Homo sapiens

<400> 35502

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gctccccata	cctggaccca	catgggtggg	tgcctgttgc	atgtttaaga	gagaggggct	180
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<210> 35503
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 <212> DNA
 <213> Homo sapiens

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accca	

<210> 35504
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 35504	
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atgaagtgga	tcagatgta
gatttaggtt	tcgctgaaca
agttgaagat	attattcatg
aatcctacaa	aactgattct
gaagacaatc	ctcagacttt
acttttttct	gcaacttgcc
cacagtgggt	atacaaagt
gcaaaaaaaaa	tacatgaaat
ccagatatga	acaggttgac
cttggtggra	aaatgwctca
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catt	

<210> 35505
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 35505	
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gcgagcacgc	agcccaaagc
accaaaggga	aaaagtgcag
gacgaaaaaa	aaaaagtc
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<210> 35506
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 35506	
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acctgaacct	gggaggtcaa
ggctgtagtg	agctgagatc
acgccactgc	actccagcca
gggtgacaaa	gtgagacctt
gtctccaaaa	aaaaaaaa

<210> 35507
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 35507

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ttcccctgta	agcactgttt	tagcagtatc	cctcaaattt	tgatagggtg	tatttttatt	180
aattcaaaat	attttctgat	ttcccttgat	attccacttt	gacttatgga	ttatatagaa	240
gtgtgttgtt	taatttccat	gtgtttggag	aatttgctat	tatcctttca	ttattgattt	300
ctaattttgt	tacagttag	gaggacac				328

<210> 35508

<211> 67

<212> DNA

<213> Homo sapiens

<400> 35508

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gttttat						67

<210> 35509

<211> 457

<212> DNA

<213> Homo sapiens

<400> 35509

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tgtattttct	ctggcttact	tttgtttgct	tatacttggt	tatttctaaa	agctaaaaca	180
agccctgacc	ggaagtttca	ccaggcagaa	acctataggc	tccaccactt	ttgctgcctc	240
tcaggtgcc	cctttcaacc	cacttctccc	aactacttat	cccagctcct	gaccccgagg	300
ccctggcatc	tactgtgaat	atTTTTTTTT	tgaattttta	tacttcgctg	ctcccaaattg	360
agcaccccg	gagaagtcca	ggcttcatgt	acttgcccag	gaattccttg	tccccggacc	420
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<210> 35510

<211> 254

<212> DNA

<213> Homo sapiens

<400> 35510

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gccatctgca	agacgttcta	gtggagaaaa	tgtggaaaac	aacagccaaa	ggcaagtgga	120
aaaccacga	tctgaatcaa	catctgcaag	gccatctaga	tcagaacgaa	attcaactga	180
agcgtaaca	gaggtccac	ctaccagagg	tcagaggagg	gcaagaagca	ggagcccaga	240
ccatcgga	actg					254

<210> 35511

<211> 346

<212> DNA

<213> Homo sapiens

<400> 35511

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tatttgttca	ttgtttattg	cttctctcct	ctcatggtgc	ttacacctcc	tgagagcagg	180
ggccatgtct	gttgtattct	gctttgtttc	ccaagaccta	gagtagtctg	agtgtctaaa	240

tgtgtgtttg gttgaacgcg tgcctgagtg tacagggtgca ctaatagaaa ctgaactgat 300
 tggctctatt aagtctcaga ctgttcagca tgattgttag aacctc 346

<210> 35512
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 35512
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 tcctcaaagg ggagaaatta gcacaaatta gtatcaggat tgtgcaggaa ataaacattt 120
 gtgaagggtta agcaaasmgg aaaaggaagt tatttcttca acagattaag gatttttcta 180
 cacacagttc ttttgtggca ttggccacat gtccattaga ccaatttgat agtatcttcg 240
 gtctgcattc aaagccagct catgcaatga gtattcagcc tattcttcca agacaatctg 300
 gacatagacc agagggagat ttkwctccct ctgtgcccta gatagctcat tgctggctta 360
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<210> 35513
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 35513
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 tttgttttca gatggatttt ggttctgtga gctaaagcta ttttgcattha aagccttcgt 120
 cctcacacat tgttttgaca tatttctagt cttcataaac ttttttaatt tagatttttt 180
 tcccttcaca agtatacatc tgtttttagca aatagcctta tgaaggttgt agatgtatta 240
 ttttgggcat gcctggtgc 259

<210> 35514
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 35514
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 agagggaact atgccaatc catatctgtt aacatcttag acccacaggg tcatattgga 180
 acctttgcta gagtctgaga tggtaaaaca ttaactcgaa tagtaaacgt cgaa 234

<210> 35515
 <211> 464
 <212> DNA
 <213> Homo sapiens

<400> 35515
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 tgggaattga acaaggagaa cacatggaca caggaagggg aacatcacac tctggggact 120
 gttgtggggt gggggcagag gggagggata gcattggaag atatacctaa tgctagatga 180
 cgagttagtg ggtgcagcgc acagcatggc atatgtatac atatgtaact aacctgcaca 240
 ttgtgcacat gtaccctaaa acttaaagta taataataat aataamhata aataagatac 300
 agctaaaact gaaaaamaat aaaaataaaa raatamnavaa ttaavaaata aaavaagtta 360
 aatgaaataa gccagtcaca aaaagataaa tactgtcknt tccacttaca tgagcaattt 420
 agaghgmcag naagtagaat ggcgcttcta ggggttttggg gcag 464

<210> 35516
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 35516
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 aaatatacag agat 134

<210> 35517
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 35517
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 ttttctgagg catccccagc catgctgaac tggaagtggc actaa 105

<210> 35518
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 35518
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 caccaccca ccaagtgtgt gacttctcca tatcccactg cagtttccat tttttaaatg 120
 ggaattttca atccccctgtg cttgtctaac gtctgc 156

<210> 35519
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 35519
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 gcacgaggaa annaaagtgc tctgtatcct ccagtctccg cgcctccacc cagctcagga 120
 acccgcgaaac cctctcttga ccactatgag cctccctc 158

<210> 35520
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 35520
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 atgccattta tgaagagaca ataactaata actaatatca cacttgatag tgaaaacctg 120
 aaagctttcc ctctaagatc aggaacaagg caagattgcc tactcttgcc acttctattc 180
 aacatggtag tggaactcct agccagagta actaggaatg aaaaagaaat aaaaggcatc 240
 cacattggaa aggaagaagt aacattatct ctgtttgctw mtgtatgttt tatctagaaa 300
 accctaaata ttccacacca cc 322

<210> 35521

<211> 264
<212> DNA
<213> Homo sapiens

<400> 35521
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gcagccagca gatgaaaact gggatcctac tggaacaaag aaaatctggc attgtgaaaag 120
taatagatct catactacaa ttgctaaata tgcacagtac caggcctcct cattccagga 180
atcattgaga gtaagtattt gtatcctaaa gattatttta ggatttttaa gatgatttta 240
ctttggagtt ttgaaaggac acac 264

<210> 35522
<211> 419
<212> DNA
<213> Homo sapiens

<400> 35522
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aattgtaccc atttcaaaga tgtgatgact aaagtctcga gagggccaag gctcgcccaa 120
ggttgctctg ttgtgacagc tttacctcct tgctatgtat tctcagatat tgcaaacgga 180
cgagagaaaa gtggagaatg aatcctggag aaaacaaggt cgttcgacga tttcgacacg 240
tcgcatccct gagagtctct cgtgtcctga tcaactcgag aactggaggc ggtgacattt 300
tagatgctgc agtgaaagcc acagagccac ggaaggccga gactccacca tgtttgtgat 360
cttcacattc agcaaaactca ctcgcactct gcctcatctt atctctagaa tgtatttta 419

<210> 35523
<211> 178
<212> DNA
<213> Homo sapiens

<400> 35523
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gaagcagagc acagggttatt gaaagctatg ggttkgcagg aatatcctga aaatgatgag 120
aattgccttc ccctcacaga ggatgagctc aaagagttcc acatgaagac agagctaa 178

<210> 35524
<211> 305
<212> DNA
<213> Homo sapiens

<400> 35524
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tagcaagcgc ccaacatttc ccagggcagt ggggtgctcc ttttgagacc gctgcccaga 120
cctcttggtt gtcacgcct catggcccag ggtcagaccc cctgggtctt ggatgggttg 180
actctcatca caggagcacc cagtttaatc ttgtagtggg caaggagca ggcagtgggt 240
ttttggaggc taggtttcca gtgtcttttc ccccttttaa ttcaataaac atttatctag 300
agcac 305

<210> 35525
<211> 245
<212> DNA
<213> Homo sapiens

<400> 35525

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taagaaataa	gtcaatgttt	agaattttct	ttgtggtaga	taggccctgt	cgggggaact	120
caaaggtgaa	aggtcaggga	atgctccagg	aaacaggtga	tgtagggagg	tgtctgtgtt	180
gctataaaaa	aaaaaatatc	tgagactggg	waatttataa	rgawtagata	ttwattttty	240
catgc						245

<210> 35526
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 35526	
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gaagcagcat	gattcagcatg
actggctgca	tctgggctcc
accgtttgcc	acttcagaca
ggtccttaag	cctycytwag
aggttcattt	tccttgctgt
agccccgagt	aagaatgttt
agcctacaag	atttattttg
aggcatcaat	gaatcactat
gtgagcctca	cacagtgtct
ggcgaa	

<210> 35527
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 35527	
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gcaagaagca	gagactgcag
cagcagcagc	agcagcggcg
gtrgcagcag	cagcagca

<210> 35528
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 35528	
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agacactagt	tcgtgttctt
cgtttctata	ttagtaaaga
tgtagagga	aattaatctg
tttggtgcmw	carggkttta
atgtgaccat	gtkgtataac
tattctgaaa	ggtaagaagt
ttttcactgg	agtacagtca
ctggctgaga	acatttaagt
tttcttttga	agcatacaca
gttaacaact	attgcaggaa
gaactctgaa	ttaaatttca
ggccca	

<210> 35529
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 35529	
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atggactaga	taattcaaac
tgattagccc	attccagaag
aaaaacagct	gggaattaag
ttaatccact	ttgaaaattg
ttttacaata	atcagarcac
ccaaacctca	aggctcagga
tcccatagac	cagagcccac
ctttttgata	aacttagtaa
agtcttggag	actagaagca
agatagtgtt	tgacacataa
gcttcccaaa	aactagaata
gatttttact	gaatagtgg
atatctgatg	gtatatgttt
cttaaaggtc	cgcc

<210> 35530
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 35530
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 ggtgtgagcc actgcaccgg gcctaaagtc taaattccta tgtggccctg catcactgac 120
 tcttgccctgc ctctctgacc tcactctacc tcaactctccc ttttcctccc taagctgctt 180
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 cttgtacttg ctatataccc agccg 265

<210> 35531
 <211> 412
 <212> DNA
 <213> Homo sapiens

<400> 35531
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 tttttccttc cttgaagaaa aattcttggc tgtcccaagg attcttcatg tatattgcaa 120
 aatttaatat atttggtcac ttgagtccta agagtaggtc aggccaaggc aggtggatca 180
 cctgaggtca gaagttcaag accagcctgg ccaacatggt gaaacccccct ctctactaaa 240
 aatacaaaaa ttagctgggc gtggtggtgc awgcctgaaa tcccagctac ttgggaggcw 300
 gaggcaggag aattgcttga acccgggagg cggaggttgc agtaagccga gaccatgctt 360
 attgcctcctc agtctgggca acaaaaatga aactccgtca aaaaaaaaaa aa 412

<210> 35532
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 35532
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 ttcccaaagt gctgggatta taggtgtgag ccaactgagcc tggtaagcc caggaatttg 120
 aggttacagt cggctatgat tgcaccactg cattccagcc caggtgacag agagagacac 180
 tgcccctaaa aaaaaaaaaa a 201

<210> 35533
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 35533
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 gctagaaaca agaattgaaa cctggaaaac ctgcatttga gaaccagatc tccctctgct 120
 agctatttga gaagttatatt tgttccattc tttttgttgt tgtcgaaaca gggctctact 180
 ctgtcgccca ggctggagtg cagtgggttc atcttggctc abtgagcct caatctcctg 240
 ggctcaatca atccttccac atca 264

<210> 35534
 <211> 324
 <212> DNA
 <213> Homo sapiens

<400> 35534
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 acaaatagtt gctgcaagaa tttttaatat gactctataa aagctcttta gtacaattgt 180

atggtttctt gatgattctg ttttgcaata ggtagcctag ttgctttata tgctttacct 240
tctaggtctt aaaatcacac attggaaaat gacaatatca rcaaaactgt attcttatga 300
aaagaactat ttgttacaat gaga 324

<210> 35535
<211> 137
<212> DNA
<213> Homo sapiens

<400> 35535
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agccagcgag actacgaacc caccaggagg aacaaacaac tccagacgag cascttaaga 120
gctgtaacac tcaccgc 137

<210> 35536
<211> 238
<212> DNA
<213> Homo sapiens

<400> 35536
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ccagcggacc cctctttcga gactccctag tgggggtccc agctcccgag cgatcctgcc 120
cttgccgagc gcgttttctg gagtcacctg ggggagggga gtccctgggca gggccgggct 180
ggggaagacg cctggggcac tgcccggcgt taacaaaggg agccgatacc gaccgaca 238

<210> 35537
<211> 174
<212> DNA
<213> Homo sapiens

<400> 35537
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tcctatggca acaataacca agataacaag gcgtcgccat gaaaatccac cccatggagt 120
agcaagtgtg aaagaatggt tcaattatgt tacagctaca aggaatgaag agca 174

<210> 35538
<211> 395
<212> DNA
<213> Homo sapiens

<400> 35538
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gaggtgggga agaccagcc ggccgagagc ctccagccacc ttctctcagg aggtcctcac 120
acccagacg gtcagaatgc tcccagact gaggaatcag ctgcacatcc ccctgatgtc 180
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gtatttgtgt grmacagtga tgggagcatg atgtc 395

<210> 35539
<211> 406
<212> DNA
<213> Homo sapiens

<400> 35539

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aagcaacaag	attgaggcct	ccccaaaatt	aataacttgt	caaataacac	acagaagtgg	120
tacacgggaa	tgtgaacaca	cagtctggca	acagagtcce	tgctcttccc	tcctgctcca	180
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aattgtgtgc	ttctgagtca	acttctataa	cagtggaaac	acacatgctt	cattgtaaag	300
atcaagtgtg	gttgtctgcc	tgtgtcatgt	tggtataata	tcttggccac	tgctggtttt	360
ttgtktttta	taaatatggt	tggtgggggg	agcagaaaag	aaagtc		406

<210> 35540

<211> 273

<212> DNA

<213> Homo sapiens

<400> 35540

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tgtgtatact	tccataacac	tgtatttttc	cttctgtcag	tacccttagg	atacacttta	120
aaacacctta	aggtctgatg	ttatggcaac	aaactacttt	ttcaaacctt	aataggaacc	180
atgtaatttc	tcaaaagtga	ttgaacagtt	tgcccacact	tagtttggtg	gtcttatgta	240
aaacattggc	tcaaaataaa	gtacacactg	att			273

<210> 35541

<211> 347

<212> DNA

<213> Homo sapiens

<400> 35541

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ttatcttgct	ggctctattaa	gatttgattc	aggaaatacc	tttttaaagt	cagtaattat	120
acatagatgc	acacctatat	caacaagata	aaccagttta	tttccccctc	gggttttctt	180
tgaatagaaa	ttatgtttcca	tttgaaatac	tctttctaat	caacagatgs	actgatttta	240
tagaggttta	actttgccat	atagtattca	gattcagtc	tgtaaatcat	atgttgata	300
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<210> 35542

<211> 145

<212> DNA

<213> Homo sapiens

<400> 35542

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atcccttgtc	taaatgcaga	gcagsetgag	agaagttagc	ggggctcttc	ctccgttctc	120
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<210> 35543

<211> 340

<212> DNA

<213> Homo sapiens

<400> 35543

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aaaaaatgat	aagcaataga	aagggtgggca	aaggctttga	aaaagcaatt	catgaaagag	180
gaaatacctc	aaacttacga	aaagataatc	agcatcatca	gtaatcaggt	cagtgcfaat	240

gaccaacaac aacgagaaac cgtttccac tgtctgactg gcagaagtta agtttggtcc 300
catcagggac gtggcaagca ctttggcagc wtctgtgaaa 340

<210> 35544
<211> 376
<212> DNA
<213> Homo sapiens

<400> 35544
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actgcaacct ccgcctccca ggatcaagtt rattctactg cttcagcctc ccaaagtgtc 120
ggaattacag gcgtgagcca ctacacccgg cctaaaaatt ttttattttg ttttgtgaga 180
cagtcttggt ttgttgcccta ggctgcagtg cagtggchaa tctcggtca ctgcaacctc 240
cgccctccag gatcaagtga ttctactgct tcagcctccc aagtagctgg gatgaagggtg 300
tgtgccacca tgcccagcta atttttgtat ttttttagta gagatgaggt ttcacatgt 360
tgccatact gggctt 376

<210> 35545
<211> 263
<212> DNA
<213> Homo sapiens

<400> 35545
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ggaaccctgc gtttctactg tgtgattctg cmaccttctt ggcccgacgc catgggagtg 120
acttgtgtgt cccagatgcc tgtggccgag ggcaagagtg ttcagcaaac cgtagagctc 180
cttaccggga aattggagat gcttggggca gagaagcaag gaacattttg tgtggactgt 240
gagacttacc atacggccgc aaa 263

<210> 35546
<211> 389
<212> DNA
<213> Homo sapiens

<400> 35546
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tatgaggtgt agggaggcag tttttgttta gtttttagga ctttgccctc tcctttgtcc 120
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acaatcattt acgagttcct atgttatgtt aggtgcctta tgtatattat cccaaatcca 240
ctgcatggtt taaatacagg cactggaata taaatgaaaa aggtcattac agtcactgac 300
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<210> 35547
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<212> DNA
<213> Homo sapiens

<400> 35547
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<210> 35548

<211> 335

<212> DNA

<213> Homo sapiens

<400> 35548

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tatggctagt	acttagaaga	tgcttacatc	aaaaaatagc	gttctttttc	aaagcgattt	180
ctaataatac	atattaatta	taacacaaaa	atatttttta	acgtttcttt	ttattttaga	240
ttcagggggt	acatgtgcag	gtttsttacg	agagtatact	gcatgatgct	gaggtttggg	300
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<210> 35549

<211> 333

<212> DNA

<213> Homo sapiens

<400> 35549

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kcaaacaaca	atctagaaat	aagggtactac	ctgttcaaac	agcctgctga	atatttgggg	180
agaaaataac	tcctttttcac	cgtggacact	gtcaacacac	gttacttcat	cttttaaaaa	240
tgtatctaaa	atgtgttgaa	ttgcttaata	aatactcaca	ctttcaatgt	aaacgctctt	300
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<210> 35550

<211> 371

<212> DNA

<213> Homo sapiens

<400> 35550

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aagaaggtea	aatgccctgc	ccaagggtcat	gcagggtgata	gtccatcagg	ctcaggatta	180
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ctgtgtcaac	agacacttgc	agtattgcac	atgtgcaaga	gacaaggtea	gccgtgtgtg	300
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<210> 35551

<211> 232

<212> DNA

<213> Homo sapiens

<400> 35551

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agtgcagtgg	caggatcttg	gctcactgca	agctccgcct	cccaggttcw	tgccattctc	180
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<210> 35552

<211> 312

<212> DNA

<213> Homo sapiens

<400> 35552

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gccaacatgg	tgaacccccg	tctctactaa	maatacaaaa	aaattagccc	ggtgtggtgg	180
caagtgcctg	tagtnvcagc	tacttggggag	gctgaggcag	gagaactgct	tgaacccggg	240
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<210> 35553

<211> 211

<212> DNA

<213> Homo sapiens

<400> 35553

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tagcaccttt	tgggctctaa	tgggttggtg	ttggtttgcc	tcagtttata	ttgtatgcca	180
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<210> 35554

<211> 88

<212> DNA

<213> Homo sapiens

<400> 35554

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<210> 35555

<211> 244

<212> DNA

<213> Homo sapiens

<400> 35555

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aggtaatacc	acctaaaany	aagatgaaag	aggtgcgatg	gaaatctacc	tagagtgccg	180
aaagagcagc	cacccgaaag	gctggagaag	tgggcccgat	aacaaactcc	cgaacgaggg	240
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<210> 35556

<211> 242

<212> DNA

<213> Homo sapiens

<400> 35556

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agctaaacta	gtatggatga	catgtagtaa	aagttataaa	aggaaattca	tcttcacctg	180
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ac						242

<210> 35557
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 35557
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 caaaaagaac agtttttttg agaggcagat gacattatac ctgatttttag aaaatctcac 180
 tttatttttg ctaataagta gactaagtgc tctgtgttct cagtcttccc tttttttctg 240
 cccccaga 248

<210> 35558
 <211> 398
 <212> DNA
 <213> Homo sapiens

<400> 35558
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 gtgattttta tttgctattc cctgattgtt aatgaggctg agttctgttt cacagaaacc 180
 ttgcaagggt aaatttaact tatactaagg aatggtgagc atatggagca aacagaaact 240
 ttgtgacctg ctggtgggtg tgtaaatggg tataatcatt ttggatgata gcttggmggt 300
 atttactgaa attgatacat gccctgcaac ctagaatttt actcccagtt gtatacctaa 360
 aactgatgtg agcacagggt ctctaagcaa tatgtata 398

<210> 35559
 <211> 140
 <212> DNA
 <213> Homo sapiens

<400> 35559
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 gagagtaata ccttcctcaa gttaatatgt atttctaattg aattattttct gttttaatta 120
 gttaaaaaaa ctggtgccat 140

<210> 35560
 <211> 126
 <212> DNA
 <213> Homo sapiens

<400> 35560
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 tatttcagaa attgcctttt gtttggattk gagaagagac tttggagaca tggatattga 120
 agagct 126

<210> 35561
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 35561
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tggaacatca	ctaagtcttc	cacagggtttt	ttgtttgttt	gtyttttttt	gttggttttt	180
ttycttaaga	cggagtcttg	ctctgttgcc	caggctggac	tgcaagtgtg	tgatcactgc	240
aacctctgca	gctcactgsa	acctctgctt	cctgggttca	agcaattatc	tgccctcagc	299

<210> 35562
 <211> 197
 <212> DNA
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<400> 35562						
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gtgcttctct	accaccatgt	gcactctcgt	ctgaactccc	agagttcctc	tgagcaccag	180
cccagttcct	gtctccc					197

<210> 35563
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 35563						
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aggcacagtg	gctcacacct	gtaatccttt	gcattttgga	aggctgaggc	aggaggatca	120
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aaaaaaggaa	ggaagggacg	cc				202

<210> 35564
 <211> 363
 <212> DNA
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<400> 35564						
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acctttactt	atttcggcat	atttcctctg	ggcttcttct	agtttctgcc	ttacaagcaa	180
tgctgttctg	taaatttatt	gaaacctctg	gaacatttca	cctttagaga	tggaggatgg	240
aaggattggg	accagaagag	ggctaagata	cgttttctgt	cttgagctga	aagcacagtc	300
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tca						363

<210> 35565
 <211> 123
 <212> DNA
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<400> 35565						
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ccc						123

<210> 35566
 <211> 189
 <212> DNA
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<400> 35566
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 gggagtcct 189

<210> 35567
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 35567
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 agttgtmgtg gacatgcaca gaactggaac agatcactat tagtggaaaa taccaaatgg 180
 accc 184

<210> 35568
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 35568
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 agcatcttgg caatgaagga acttaatgag gcatgcagac tgtgtattgc ccattgacaa 120
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<210> 35569
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 35569
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<210> 35570
 <211> 286
 <212> DNA
 <213> Homo sapiens

<400> 35570
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 ggatacttga acacaaacac tgtggttaga taacagtata tctgattaac agactgctac 180
 taggtgatta atgggtgggt agtgtaaata cacaagaaaa ggatgattca catcccatgt 240
 gggatggagc agaactgcat tatttcatta cattactcag aactgc 286

<210> 35571
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 35571

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tttacaatcc	atgcccatg	cctccttcac	aatctgaata	cataaacatg	cataataaat	180
aaactctggg	gttgaatcct	ggactgagtg	gcc			213

<210> 35572

<211> 300

<212> DNA

<213> Homo sapiens

<400> 35572

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aacagccatg	ctattgtgaa	gcagagttat	tatttttttt	atactccagg	tagtggtctr	180
gatgagaaa	aggtaagaat	gaggggaatg	ggcacaat	ttggaaatcaa	tcccaaagag	240
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<210> 35573

<211> 362

<212> DNA

<213> Homo sapiens

<400> 35573

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cttctctaaa	agaatggaaa	atgtaacact	gcgtttccat	ggaggcctct	aaagaaagat	180
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acaccattta	atcagctgaa	agatatttat	acctgtgctt	gtaattctat	ggcttgctgt	300
gggaagggag	aagaggaagt	taggaatcar	ntgctccctc	atttttcaga	ggaatgattg	360
ga						362

<210> 35574

<211> 371

<212> DNA

<213> Homo sapiens

<400> 35574

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gtggacagat	tgacaagcaa	atatctcatt	tatttttttc	cttttctatc	taatcgaatt		180
tgattttccc	ctacttggtt	tagtactttt	gtacttacat	attgagactt	aagctattgt		240
tgggagtagg	tagcaaatga	ttacatgtaa	tttcttttgt	ctgaaaatta	agaggaaaag		300
agcttggttc	ttgtaggggg	aggtgtattt	gcaattattt	ctatggcaga	at	ttattaga	360
attggccgtc	c						371

<210> 35575

<211> 401

<212> DNA

<213> Homo sapiens

<400> 35575

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gttcagtcag	cctttacaaa	taacgggatac	acaggcaagg	ttgcatagct	ccagtagagc	120

tcaggatatgt	atthttagcca	gccagctagc	tagcaaccca	ttgccaccac	ctactgtctc	180
ccatcctgac	tatcactgta	atttaaggaa	agaaaacttc	agttctgcct	ctggatacca	240
agatgcccat	tgctcagttc	agacaactga	tattaaaaatr	aagctatgct	ccttacttac	300
ttctttttatt	ataaacaat	tcctttgctt	tggctgatac	tagctgagtc	attgatcatc	360
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<210> 35576

<211> 284

<212> DNA

<213> Homo sapiens

<400> 35576

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tggtttcttt	ctcaggaaga	caggtgatga	tactaaattg	aggggagagc	catttgacaa	180
gcatatggga	ggcccatatt	agtcttcaca	atgtgcaaat	tcaaatgaat	aaaaatgtat	240
aagattagga	attagaacag	agattaaaac	atactgtaca	cccc		284

<210> 35577

<211> 448

<212> DNA

<213> Homo sapiens

<400> 35577

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caccagctcc	ctcagccagc	hvggatggga	ccagcgactg	agagagccag	aggcagagag	360
gtgaggggtga	catatcctga	ctgtgagagg	aatggactct	gggctgtagc	tgcaagcagg	420
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<210> 35578

<211> 209

<212> DNA

<213> Homo sapiens

<400> 35578

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aatgtaacat	gtctgttgta	actatgtttc	ttaaatatta	ttttaagggt	atgtgttctt	180
taattatggt	caaataata	ttggtcacc				209

<210> 35579

<211> 319

<212> DNA

<213> Homo sapiens

<400> 35579

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tctggaagtt	ttgttgtggt	tcagaaatca	agaaaaacac	ctcagaaatc	cagaaacaga	120
aagaatagga	gctctgcagt	ggatccagaa	ccacaagtaa	aattggagga	tgtcctccca	180
ctggccttta	ctcgcttttg	tgaacctaaa	gaagcttcct	acagtctcat	caggaaatat	240

gtgtctcagt attatcctaa gcttagagtg gacatcaggc ctcagctggt gaagaacgct 300
ctgcagagag cagtagaga 319

<210> 35580
<211> 57
<212> DNA
<213> Homo sapiens

<400> 35580
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<210> 35581
<211> 187
<212> DNA
<213> Homo sapiens

<400> 35581
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gaggatcacc tgaggccggg agttcaagac tagcctaggc aaaatagcca gactccatct 120
ctacaaaaaa gtaaaattat ctgagtgtga tggcatacac ctgtagtccc agctattcgg 180
gagggca 187

<210> 35582
<211> 223
<212> DNA
<213> Homo sapiens

<400> 35582
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tcaaaacaaa gtctcacaaa atcccaaacc catatacctg tgttccatat accttatgct 120
ttgggtcatcc tgatgntttc taaataagct ttatatattt atgtgattta tggatttgcc 180
tttttttgtc ctttatgata ttcttctctc ttctcccatc agc 223

<210> 35583
<211> 291
<212> DNA
<213> Homo sapiens

<400> 35583
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ccttatattga ggcagttcct gaaaagggtg ggtgaaattt cctgctgata aaaggcatct 240
tgtgtcttgt tcatccttag caaattgbca attagcaaag aagagagggc a 291

<210> 35584
<211> 161
<212> DNA
<213> Homo sapiens

<400> 35584
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gaaatccgta ctgtctgccc aaactccttt tggctcacca aaaccttacc ttactttatc 120
cggaacaagc tctgcaaagt tattgttgat attggacgtt g 161

<210> 35585
<211> 261
<212> DNA
<213> Homo sapiens

<400> 35585
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ggtggacgta gacggtagac agttcgctg cgtttccttc gcctacttgg cctacatgcc 180
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<210> 35586
<211> 157
<212> DNA
<213> Homo sapiens

<400> 35586
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cctttaatta catgtcagaa tgccttaact accctat 157

<210> 35587
<211> 195
<212> DNA
<213> Homo sapiens

<400> 35587
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ggcagcaaat agtgaccaa cgaatgtttt tggcaaatac attggtgaag gcctccttca 180
ggtaggtaga gagga 195

<210> 35588
<211> 355
<212> DNA
<213> Homo sapiens

<400> 35588
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<210> 35589
<211> 250
<212> DNA
<213> Homo sapiens

<400> 35589
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004220" 6667550

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<210> 35590
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<400> 35590
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<210> 35591
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 35591
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<210> 35592
 <211> 205
 <212> DNA
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<400> 35592
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<210> 35593
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 35593
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<210> 35594
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 35594
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tgtttaatat	cttttgaatg	aatgagagag	gagcatagct	ttggagagct	acatgtagag	240
ttaaacctgg	gccttaattc	tagctctcca	tttagtagta	gtatgaccac	gggtagatca	300
cttcggtttc	cttatctgaa	aaatgagttt	ttaggattag	agactgttta	taaagtagct	360
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<210> 35595

<211> 86

<212> DNA

<213> Homo sapiens

<400> 35595

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aaaggagttc	tgagcttttt	tttttt				86

<210> 35596

<211> 276

<212> DNA

<213> Homo sapiens

<400> 35596

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aaaactgttg	twaagtacag	ttggcaagat	ctccaagctg	aaacttacac	gttaaaactt	180
ttgcctgtaa	gaatttgcac	atgaatgtta	atggaaaaca	caaaacttaa	gatggcccaa	240
aacaaaagcc	acaaacagtt	catcatttgg	tgctta			276

<210> 35597

<211> 76

<212> DNA

<213> Homo sapiens

<400> 35597

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<210> 35598

<211> 382

<212> DNA

<213> Homo sapiens

<400> 35598

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gcaattctyc	tggcctcagc	ctcccaagta	gctgggatta	cagatcatga	actggcagcc	180
atgtggaaa	agactagac	tgcgaaatcac	ttaggatccc	gccctcgggt	tagtctagaa	240
tactctgcga	atcagctttt	tggccctagt	ggatgacaag	aactgagaca	aatcaccaat	300
gggcacaaac	taccattca	gcttacatat	gatgccctat	aaaaaaacat	agacaatcaa	360
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<210> 35599

<211> 174

<212> DNA

<213> Homo sapiens

<400> 35599

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<210> 35600

<211> 252

<212> DNA

<213> Homo sapiens

<400> 35600

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attacaawtt	gatcaggata	tataagctat	gagacttatg	aaccacgttt	aaaatttgta	180
caaaagatta	taaattttac	agggtgatttc	acaattatgg	catgagttaa	aatttgatta	240
tatgtgggcg	tc					252

<210> 35601

<211> 479

<212> DNA

<213> Homo sapiens

<400> 35601

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acacataamc	TTTTTgtttg	aatactatag	ttttcagtg	acagttgcta	ttccaagaaa	180
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ctttgcatgt	tttgtgttat	gtattactct	gactctttag	agattatata	aatcctccaa	300
aagtttagacg	aaacaagata	gtacattatg	agtcttaaty	ykatcattgt	ggaaaaatgt	360
gtactaactc	ctgattttgt	taattttata	acatagggtg	aatttttagag	tggggTTTTT	420
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<210> 35602

<211> 125

<212> DNA

<213> Homo sapiens

<400> 35602

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aaatatatat	gtaatgtttt	ctatttgttt	atttgggaaca	gataaaatga	tctcagagcc	120
cachg						125

<210> 35603

<211> 218

<212> DNA

<213> Homo sapiens

<400> 35603

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ggatttagga	gaggaggatt	gcagaagagg	tagcacaggc	ggagtgcagc	ggaggccccct	120
gccgctgccg	tcatggcggt	ycccggtttg	ggaagtctca	caaatctcca	gcagacattg	180
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<210> 35604

<211> 163

<212> DNA

<213> Homo sapiens

<400> 35604

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gggaattcct	ggccaaaagt	actttaatca	gcatttaatg	acccagtcga	aaattcattg	120
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<210> 35605

<211> 448

<212> DNA

<213> Homo sapiens

<400> 35605

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gaatcctgta	tcctctgctt	agtcattgtc	tcttggacgt	ttttcaactt	cgctgacctt	180
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gtaaagcact	tggaaatagca	tctgacatgt	cagtggctcc	atacacatgt	atataatgtt	300
ggcagagtca	gttacagtcc	tctgactact	tttctatggt	gggaacttta	ttattccatg	360
tttaacagac	aaggaaaccg	aggcacagac	aggctaagtt	actggcctga	actttcaaag	420
acagttaagt	accaaggtgg	aatttgaa				448

<210> 35606

<211> 171

<212> DNA

<213> Homo sapiens

<400> 35606

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ggagaatcat	ttgaaccag	gaggcagagg	ttgcagttag	ccaagactgt	gccactgcac	120
tccagcctgg	gtgacacagc	aagactccat	ctcaaaaaaa	aaaaaaaaaa	a	171

<210> 35607

<211> 319

<212> DNA

<213> Homo sapiens

<400> 35607

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gaagatctgt	agccctcacc	ckgctctcct	tcctcctact	ggctgctcag	gtgctcctgg	180
tggaggggaa	aaaaaaagt	argaatgghy	ttcacagcaa	agtggctctca	gwmcaaaagg	240
acactctggg	caacacccag	attaagcaga	aaagcaggcc	cggracaaa	ggcaagtttg	300
tcmccaaagg	ccaagccaa					319

<210> 35608

<211> 139

<212> DNA

<213> Homo sapiens

<400> 35608
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 aaatagcatt twacaacma 139

<210> 35609
 <211> 169
 <212> DNA
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<400> 35609
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 agctcggagc agcagccaga gtttattaac cacttaacct ctcagaactg aacaaagaca 120
 acattgttcc tgggamsgcc ctctttttaa aaaagaaagc ataaccct 169

<210> 35610
 <211> 59
 <212> DNA
 <213> Homo sapiens

<400> 35610
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<210> 35611
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 35611
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 cctbccc 128

<210> 35612
 <211> 169
 <212> DNA
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<400> 35612
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 catctrcaaa acgtgmvwga wtggcccak dggcgtgtct ctacaaaaa 169

<210> 35613
 <211> 458
 <212> DNA
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<400> 35613
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 gctgattgca tgctaaatgg ccattttgta agtttaatga agtaacatat catttgacac 180
 aggaacaaaa gaaaacaatc aaaaaaact ctgggcacag gagagacttc actggcttcc 240
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agtctgtggt ctttgc tcaa aagggtcttc attttctctt aaaggctgac tactgtgtcc 360
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tgcataaaat tcttctgggg tctttttgta tcttctga 458

<210> 35614
<211> 142
<212> DNA
<213> Homo sapiens

<400> 35614
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ggcgtgagcc accgcacctg gctgatcat aattcttaaa aacgcagtag ttgccctctt 120
aataatgact tgtgcttgcc ca 142

<210> 35615
<211> 118
<212> DNA
<213> Homo sapiens

<400> 35615
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atatggacga cgccccgggc gaccgcgggc aacccacccg ccccgacccc gaccgccc 118

<210> 35616
<211> 229
<212> DNA
<213> Homo sapiens

<400> 35616
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ctcatgtktt tctkkctatg tcttttggtk gtattctaac ttttagagtc tctttattgg 180
gatgtcntct agcgataaat ataaatacat ttccctctaa caaccactt 229

<210> 35617
<211> 229
<212> DNA
<213> Homo sapiens

<400> 35617
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ckkatgttgt tgtakttttt cacctckgtc ctttggctta cgtcacntc ccaacctaata 180
acctgccctt ctagtcttct gtgtacttat ccaaactctaa accctccat 229

<210> 35618
<211> 133
<212> DNA
<213> Homo sapiens

<400> 35618
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ttcaaggcca ctt 133

<210> 35619
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 35619
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 mactgagata ggcratgggt mmtgggtgtaa cagaacttac agtgcctga atggtacaga 360
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 tgagagctc 429

<210> 35620
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 35620
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 gtttgtttcc agatgggtgcc cttccttcaa cctgcacaca atctctcctt gttcaaaact 180
 attcaacctc ctgctgatcc ccccccccg c 211

<210> 35621
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 35621
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 aaatctcctg tccttttttaa mcttttttcaa aataggtctc taaggaaaac cagcag 176

<210> 35622
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 35622
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 aaagca 66

<210> 35623
 <211> 93
 <212> DNA
 <213> Homo sapiens

<400> 35623
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<210> 35624

<211> 245

<212> DNA

<213> Homo sapiens

<400> 35624

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tctgtcacca	ggctgtaga	caggtgggtg	ratctkggct	cactgcaacc	tccgactccc	180
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cccac						245

<210> 35625

<211> 204

<212> DNA

<213> Homo sapiens

<400> 35625

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ctcagtttcc	tctctcctgc	stgttgggca	acagggcata	tctggtagtg	gggctgtgag	180
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<210> 35626

<211> 362

<212> DNA

<213> Homo sapiens

<400> 35626

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aagaccgttt	ctgcttcaga	atctgaagac	cggctagtgt	ctgaacaaga	aactgaacct	240
tctaaggagt	tgagtaaacy	tcagttcagt	agtggctctc	ataagtgtgt	tatacttgct	300
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gc						362

<210> 35627

<211> 487

<212> DNA

<213> Homo sapiens

<400> 35627

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gacctggawc	ggagtawtty	ytatgaaag	gtcttcttag	gbcccttaca	tacgcaagag	180
gggtgctcta	gtgccatagc	tgtagntcac	aggwaggaca	ccaggagaag	ttatacctag	240
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ttagttagga	tacgggtctg	gtttgatgtt	tttctaggca	aaatgcttaa	gtgttctggt	420
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ttagatm						487

<210> 35628
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 35628
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 ctacagtaaa argtaaaatt ataggtgccca cacatagata ggaagagatg aatagaccag 180
 taggtccaag caggccagat gtaagacacc aaaagcccaa catattaagg aataggatag 240
 gaaaatgtat gatagtaaga ttacgtaaa attatctgta ttacaaaggg tataataagt 300
 gaccagacaa gaggggaggg 320

<210> 35629
 <211> 445
 <212> DNA
 <213> Homo sapiens

<400> 35629
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 gagctgggkt tttgaaagta ggcagaattt agatcagtag agcaaagagg ataggatagt 180
 ctaaagtgtg agaatgctgt atgaatggag gcagaatatg tattgaacat gaggaacctat 240
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 atcmtatatt tataatggag actaacaggt tgatgttgct gagaaaataa tatggacttt 420
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<210> 35630
 <211> 245
 <212> DNA
 <213> Homo sapiens

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 tctcgatgga raaggarrat csgctgggtg atggatgtgg gcttccagta aggtgctcgc 180
 gctggtcccg agccctccgg ggaagatatt cgagcgcgga sstaagcgca gggcacgcca 240
 gcccc 245

<210> 35631
 <211> 405
 <212> DNA
 <213> Homo sapiens

<400> 35631
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 tataaaatwt targytgggt gtggcgacat gcgcctgtag tcccagctac tcttgaggct 180
 gaggcagaat tgcttgaacc tsggaggcgg aggttgacgt gagccgagat catgccattg 240
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 catcaggctc ttcatttttt ggctgttgat ttttttcctt attttgagag taggcctcaa 360
 agagcaggaa ggctattctt gattaggcgt acttcagggc aacac 405

<210> 35632
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 35632
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 gcytacycma ggttcttaat ttagtctaac cacttggcaa cctactttat ttagtttaaat 180
 ctcttggaac cctactctaa ccacttggaa acctacagcc tacatacaga atcatagttc 240
 agccatccat tctaccttc ctagtgtknt nagtttattt gcttggctca t 291

<210> 35633
 <211> 63
 <212> DNA
 <213> Homo sapiens

<400> 35633
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 agt 63

<210> 35634
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 35634
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 accagcaggg aaatggagga gtgacggaaa gaaccagact cctctctgag gttatggaag 120
 aattagaaaa ggtaaaacaa gaaatggaag aaaaggg 157

<210> 35635
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 35635
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 cgtacaggat gtgagtccag gaaaatgtga aaacttctgc cacagtcatt ctattctgta 120
 ggaaatgaat aggatgrtra gaaggvcaat aggatcattg ttcttgcccc tacatcacia 180
 aacaatgaca agttcataag gcagaactca ctagatcaca caggaagttc tttcgataga 240
 caggcatgga tgattttctg gctaatagga cacctgtgtg cacacaagca tatatagagt 300
 taaagcactt ttgctcatgg gaagtataat ttgagaagat ggcatagggt gtgagccacc 360
 avtttctagr ttgctagggt gttamctccc aattagactt tatctgggt 409

<210> 35636
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 35636
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 tccagtataa aacattctcc tctacccaag aaccatagcc atgattgtta taaatcaatg 120
 aagtgtaaac atacrwaat traanaacca cttctgacat tccattatgt gctathhaaa 180

gatggactat tgaactatag aaaagacaga ctgtgcattt gttcgttgat cctcatctta 240
 ttcctgacat gtaaaaatca attttacgta gagtcaacat tgtaggtaga ttaaaatacc 300
 agtat 305

<210> 35637
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 35637
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 ttttagctcct gtttttggtg aattactaaa ctgattgact ttcagccttt ttggctagat 120
 cctgaaargc ac 132

<210> 35638
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 35638
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 tccccaaatg gaagttgtaa tattcagaat ccaatgtata tcttagaatc tggatccact 180
 ttgctattag agtctgagct aacttgagga tggagagaaa agggaagtga agaagaagaa 240
 gaggaagagg aagaagaaga agagagatca tcaacagttt catattcact agagcatcag 300
 ccaaactgta agagctgacc agaaccact gcc 333

<210> 35639
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 35639
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 actgrtttat tctgttacta gratcaggtt ttagggctct gcaaaaggct agctcggcac 180
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 caca 244

<210> 35640
 <211> 504
 <212> DNA
 <213> Homo sapiens

<400> 35640
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 attctcctat ctgagcctcc caaagtgcta gggttacaga catgagccac tgtgcctgtc 120
 tagacttgta ctttcaactg tccatttctc cctgtctgtc ccatgggcac tcatgaaaaa 180
 acagaatgct cccaacttta ttcattcttc aagcctgtag ctcttggtat actcactggt 240
 gcaagtcaga agcttgattt cawgattgat gtttttctca cgtttcacat ctactcatc 300
 accaagtcac gttggtgtta atttctgatt aacccttgaa ttaccgtct tctcatcctc 360
 tgtacaaaag cctcaagtga gggtaaatt caacattatc ctgatctaga cagcccccat 420
 tctcaatcca cccttttcca aggattgcca aggacttcta acaataaact ctcttttgca 480
 ccacagacac aagggggatc acta 504

<210> 35641
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 35641
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 ctgagttcta ctttactatt catttgtatt tctatctctt atctgcaggt atggcatttc 120
 aaatatagat acaaccattg aaggaacgtc agatgacctg actgtttag atgcagcttc 180
 actaagacga cagacc 196

<210> 35642
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 35642
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 gttgttagga taccttccag acactttaaa tgggtgttgt ttttacaatt ttcattattt 120
 atagttgttt tgctgggaag agtgtccaca gagcttctca taccaccttt gggaagtgtc 180
 tctccttaac atgatgaatt agcctcctat ggctgcttta acaaattacc aaaaacttga 240
 tggcttaaaa caatacaggt ttattctccc acgc 274

<210> 35643
 <211> 189
 <212> DNA
 <213> Homo sapiens

<400> 35643
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 ttggtaaaaat gtgtttgact aggagatgat tgcatacaaga atctctagga tttctgtata 120
 tttcaagtat ttcattagca aaagaatttt aaaaagaaaa aggatcgata tccagattaa 180
 gaggcctct 189

<210> 35644
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 35644
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 tgccaagtgt agctggagaa tgattcgtga tcatgaatca cgaggtgaaa acaaggcagg 120
 acttcctaaa ggtttctgta ttacttttct gcaaataata tccactcaga cattgggttc 180
 atcattatat actgggccct 200

<210> 35645
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 35645
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 caatacagag gtctttcttt aaagaatttt aaaaagtcta tgcattggaac attgaaaagt 120

attgaagggc	ctccaaactt	gggtataaac	ttgcctttga	gcattaagcc	tgcaactcaa	180
aattcagcaa	atcagaacaa	agaggacacc	aaatccatga	atggaaagag	aaattggaaa	240
agaaatctcc	atctcctgtg	aaaaaatcaa	tggaaaccaa	gaaagtggcc	agtcctgggt	300
ggacgtgttg	ggagtgtgac	tgcctgttca	tgcagagaga	tgtgtacata	tcccacgtga	360
ggaaggagca	cgga					375

<210> 35646
 <211> 201
 <212> DNA
 <213> Homo sapiens

<400> 35646						
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ggacacctgg	atgtctacat	gcaaaagaat	gaagttctac	cccttcctca	caccatacac	120
aaatawttam	cycaaaatag	atcaaagacc	tagatataag	agcttaaacc	atacaactct	180
tagaaaagaa	cagaggggca	g				201

<210> 35647
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 35647						
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<210> 35648
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 35648						
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gacaggtgga	atacaatgac	tctatgtgag	gaacttgcca	actcacatct	ttcaaagcca	180
gatcagctta	tatagtacat	gcattatagt	catatgaaat	gttgtcttgg	tgctttcttc	240
ttggaggact	atggcagcag	ctttaagact	actaaciaag	attattacac	aggtcacatt	300
atccacaggc	aaactgcttt	gcacaactag	aacattaaca	gttcttttta	agttaagtgc	360
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<210> 35649
 <211> 480
 <212> DNA
 <213> Homo sapiens

<400> 35649						
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atcttgacc	aacatctggt	acttcagcta	agacaccctc	tgagggcggg	aagcttcaga	120
gtacctttgt	atttgaggra	ataagacgcc	gcctaaagga	tattgggcct	gaggtggtga	180
agaaagtaaa	tgctgtatgt	gagtggcata	taaccaaagg	cggaaatatt	ggggctaagt	240
ggactattga	cctgaaaagt	ggttctggaa	aagtgtacca	aggccctgca	aaagggtgctg	300
ctgatacaac	aatcatactt	ncagatgaag	atttcatgga	ggtggtcctg	ggcaagcttg	360
accctcagaa	ggcattcttt	agtggcaggc	tgaaggccag	agggaacatc	atgctgagcc	420
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<210> 35650
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 35650
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 ctgtaatccc agcacttcgg aaggccc 87

<210> 35651
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 35651
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 ctcaagaaag tggctgaggt ttggtttgct actgctttgg ctaacaaggt ttacctatt 120
 ttggatgaaa aagata 136

<210> 35652
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 35652
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 ttttgtttga ttaaagattt tagtcctact ttgtatgga cacattagaa tattcagaga 120
 ccaaaattag aagraatttg ctggttagata tttttcagaa gtcagcagat ttgtggcaaa 180
 tcatttattt gcctttttta aaattcattt aagcagttca gagagtagac tactcagaaa 240
 attatttcac gtaattgtct aagaggtcaa tattttttta tgcattattga atcaaataaa 300
 gtgctca 307

<210> 35653
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 35653
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 tgccccagac gctagtaacc tccattctac ttcccccttc tgtgagtctc cctgktgtag 120
 ckaactgaat gtaagtgaat tcagaccatg ttgatcttt tgtgtctggc ttattcatta 180
 gcatatdatt ttcaagggtt atccatgctg c 211

<210> 35654
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 35654
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<210> 35655
 <211> 397

<212> DNA
 <213> Homo sapiens

<400> 35655
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 cgcgcccaac ctctggaggc atcttttctaa aacmmatctg atctaaaatt gctattgggt 120
 ccccaatgcc ctcgggataa aatgtgacsa tccagtcgca agtkactctg aaggmcaact 180
 tcctaacacc tctcttttcc cattttccta cctctgcagc taacacavtt cccttgacat 240
 ttcagcttgt ctgctgamgt ttttcctccc aacagtcgca ganttccttg cctgkaaagc 300
 nvttctcggc gtbncataca tcccactctn sctccgmcas gaacaggttc agcctcccct 360
 gcaggctgag cgctgcact acgcgcaggc tgagccc 397

<210> 35656
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 35656
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 ttgccattac agcttgatgt acatcaaaca tcaatacata agcagttctc taaatgtatt 180
 aaagagttgt accaaagaaa aatcaataga cttatctttt aaagtctgaa gtgattgggg 240
 caccg 245

<210> 35657
 <211> 484
 <212> DNA
 <213> Homo sapiens

<400> 35657
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 taatattttac caatgtattt tttccctca cataaaaaaa agtagattca gtgtgaattt 120
 acakttktkta actkaataat ctatctaaaa tatttkttca tgtaataca tattgttctg 180
 ctataatctt tttaaggact gcctgttatt ccactttatt aatgtatttt cacttaacct 240
 gactcctgtt gatggacact tagatcttca gtgttgcat actgtataca gtgctctaag 300
 gaccgtcctt ctttggaat gtctgtcagt atttagcata ttgattctcc gcatggaacc 360
 tggtcacagt gccctccagg tttgtactac tgtgatttga tgaactactt cagcagttct 420
 gatttgggtt gccacaataa taakgcagtg aaaatgtgag tttctggcaa tcagggggat 480
 ctac 484

<210> 35658
 <211> 468
 <212> DNA
 <213> Homo sapiens

<400> 35658
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 tttgcaggaa ttgtttcaat gtatcccat tactgcctta ctaatttagg atctttaaca 180
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 ggagaagatg gtttttaggca acaaaggtta actgttcttt ccctaggaga gtgcctaaaa 300
 gggcagagaa aaaaaagaaa agtagtatgt tgtaagcta catgttacc agttttctca 360
 tttttaaagg tatctttagt tgtagatat atctttactt gaattacagt cttcagttgc 420
 tggagggaga tgagttagtw aactaaatt aagtgttagt atcattta 468

<210> 35659
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 35659
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 tattctttta gcatatttat gagttaaata ttaaaaccta tacaaaaaaa taatagaatg 120
 gcatttttagc tcatttcattg attttttataa aatattttaac acactccct 169

<210> 35660
 <211> 460
 <212> DNA
 <213> Homo sapiens

<400> 35660
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 acgacagagg caagaggatc gctttaaccc gggaggcgga gggtgcagtg agctgagatc 120
 gcaacattgc gctgcactcc agccggggca acagagcaag acccctcatc tcataaataa 180
 ataaacaaac aaacagacaa cctagacatg gcaaaaacta gtataaacia aattgggact 240
 ccagtgataa gctgggaaga aatagttgcc atgcagcatg ttcaaagggc taatttcctt 300
 taaaaagcaa gatcgcttgc tgatagaaaa gaccaacaac tcagtagaca agtgggcaca 360
 ttcagagaca gttcaaagga aagacaagtg gtccttaaat gtatgaaatg atcctcagtt 420
 gcagtcaatg taagagttaa gcaaattgaa actatactga 460

<210> 35661
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 35661
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 ttcaaatcct gattcttcga ctttatagcc gatgagcact gggcatatgg caacgtctct 180
 tgagtctcag cttccttgct tataaaactgt cgtagtgggt tttgcctctt gaggttttga 240
 gaaaaaaaag gagtttctta aactctcatg gtacataact agcatttgat aaaattaatg 300
 taatattttt ctttttaata cgtgtattag agaaaatttt aacatgcaat agtcttaatg 360
 tgattagatt atattgtgag ccc 383

<210> 35662
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 35662
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 atcactgagc aaa 133

<210> 35663
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 35663
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aaacgtatgt gtgtgtgttt aattagaata aaattcctct aggcac 106

<210> 35664
<211> 146
<212> DNA
<213> Homo sapiens

<400> 35664
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tccactgtgs ttytgatga cccggc 146

<210> 35665
<211> 417
<212> DNA
<213> Homo sapiens

<400> 35665
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ttaatagcat agctatagag aaggagaagc tgaagcagat ggtttccgag caggatcaca 360
gtaaaggcca cagcacgcag atggcacggc tccgacagtc actgtctcag gcacccc 417

<210> 35666
<211> 71
<212> DNA
<213> Homo sapiens

<400> 35666
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cagccagccg c 71

<210> 35667
<211> 371
<212> DNA
<213> Homo sapiens

<400> 35667
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catctaaaaa aaaacttgga gactgttcag tagccattct gagtgtgtga cttcatggta 120
gctttgaawt wmsagtcacc dvatagagta tccatgagac tttaaagaaa aataatagca 180
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gatcgctga ggtcgggagc tcaagaccat gctgaccaac atggagaacc ccgtctctgc 300
taaaaacaca aaattggccg ggcgtgggtg cgcattgctg aatcctagct actcaggagg 360
atgaggcggg a 371

<210> 35668
<211> 278

<212> DNA
<213> Homo sapiens

<400> 35668
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ttttgtgtcc agtgtattag agggaaaaaa cccacataa ccttggttg atgctactac 180
atcttccagc ctactagat ctttaaatta tgatcagtag tctatcaatt tattcttttag 240
gccactttcc agcatcaatt ccagccttca ccaccctt 278

<210> 35669
<211> 252
<212> DNA
<213> Homo sapiens

<400> 35669
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aaattgtttt atactgtaag ctggaggcga gtgtaactta tttttgtaat aaagttttta 120
ttttttttta tgtgtcatta atataaatgt gtgttagtgt agaaatcttc tggtttaaaa 180
acttagaatt gcacacattt cagtatgttt atttgtactt acataatctt agaatagtgg 240
ttgccaatag cc 252

<210> 35670
<211> 190
<212> DNA
<213> Homo sapiens

<400> 35670
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gtcaggggtc aagatatatg ttgggtaaaag gaggaaaacg gaagtttgat gagcatgaag 120
atgggctgga aggcataatc gtgtctccct gtgacggtcc atccaaggtg tcttacacct 180
tacagcgcca 190

<210> 35671
<211> 298
<212> DNA
<213> Homo sapiens

<400> 35671
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ttatgtgtct aacagtatac ttatcccata gggggcttcc agcttttcac tcactcatca 120
tatttctttt tagataactc gacacaaatg aaaattttat tttatctatt tagcagaaaa 180
gtcacacaaa gttcataact atttaaaagt acaccatatt tantgagcat accttaaata 240
atcttgatgg gacattttta gtctcattgc attatacagt tttgatatcc cctaccca 298

<210> 35672
<211> 260
<212> DNA
<213> Homo sapiens

<400> 35672
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yagggwkagg cactctcagc agtasgagca accgtgctca ccccggtgct wwcagscttg 120
cttagttccg gggctccgag gcagcagcag ccataagava aaacaggaga ggaaggcgat 180

gtggcgcttc tgccgggcnc tcagactggg gagtgtgagg tcassacagg ctggcgtgtc 240
gttttcgtct ctgtggctgc 260

<210> 35673
<211> 56
<212> DNA
<213> Homo sapiens

<400> 35673
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<210> 35674
<211> 178
<212> DNA
<213> Homo sapiens

<400> 35674
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tgcagacgta tgtttactgc agcactcttc acaatagcaa agacttggaa ccaactcc 178

<210> 35675
<211> 174
<212> DNA
<213> Homo sapiens

<400> 35675
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cttttcaacc aaataatgaa atagtggaga ccatgaaatt gttgtgcctg gcc 174

<210> 35676
<211> 303
<212> DNA
<213> Homo sapiens

<400> 35676
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ctaagaggag accaagaggc gggggctgca cttgacaacc agcatgccga gatggcacac 120
mttgggcccc cccactcca catagcctta attacaaatc agaggacagg cttagtgagc 180
aagactggcc agcatatttc aagggtccat gttgtggggt tgatacatct caaattgagt 240
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agg 303

<210> 35677
<211> 157
<212> DNA
<213> Homo sapiens

<400> 35677
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agatttccag gcrkbwttgt ggaacacctc cccgtcc 157

<210> 35678
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 35678
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 gcaatccatg tcatagggaa actttactaa tgtaatgatt gtcacaaagt cctcagtaat 120
 gctacaacca ttgcaaatta ttggagaatg cataatgaag tgagaactta caagtgttat 180
 aaatgtggca ct 192

<210> 35679
 <211> 445
 <212> DNA
 <213> Homo sapiens

<400> 35679
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 aacagaagag taaggaaacc ataacttata aatttgtaat gtgttctctc ttgttgkvng 180
 acattagcca gtgttttagtt ttagaccaac ttatacaaac agagtattga tttgtacaca 240
 ttctggagac ttgctatata atggtttgct atggcacaga ctgagcttag catggggaca 300
 ttttgaactt cattcaaagt tgagtagtta ctggaacctt tgacattgcc ttgtaatgag 360
 gtacttccaa aaaaagcccc taacaatggc ataatagtga ggtctctctg tgcatataca 420
 taatatatat gcaggmtaaa tgtgt 445

<210> 35680
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 35680
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 aaaahcatta aagacgkttt tbcakaatca cggaattcac gctactacca ttcagcctga 180
 atttgctagt gtaggctcta aatcaagtgt agttccgtgt gaacttgcct gcagaacca 240
 gtgtgctttg aagcaatggt gtgggacact accacaagcc ctttctggaa aggatgcaga 300
 aaagacccca gcagtttagca tttcttgttt agaacttagt aacaatctag agaagaagcc 360
 aggaggrcta aagctgnaaa catccctgct gttgtgatag agatta 406

<210> 35681
 <211> 433
 <212> DNA
 <213> Homo sapiens

<400> 35681
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 cagggcgggg atttcccaa gratrrgaaa tcagcsaccg gaagtacgc cggaccttg 180
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 ctcttgctct ggggtaagcc antggccatg ctataaggac actcaagcca ccctatgaag 300
 aagcccacat gaagaggaac tgagatatct ggccaacagc cagcsastca ctgagcctgc 360
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 atggcagcct cat 433

<210> 35682
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 35682
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 cctttcagga gcttgstgra gkcaaaagtk gtackgcatg accacgtggg ggaccacctt 180
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 tgcaccg 247

<210> 35683
 <211> 435
 <212> DNA
 <213> Homo sapiens

<400> 35683
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 agtcccataa gggattaatg atcagaacct cagctcctcc ctctctgcct cttacagcat 120
 gsvtatacca racacrcatc ramctcaagg gccttttgsa cktctrtgtd acmsatggaa 180
 ggctgtttgca caarctctct gcatgacctt ttccctcata tccttttaggt cgtggaatca 240
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 atctccatctt cttaacctgc atcatctttc tccatagcat ttatcatctc tgttttggtt 360
 ggttcactag cacatactca aagggtgccag gcatgcagta ggtgctcagt aantattgtt 420
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<210> 35684
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 35684
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 ccccggtctga ggtacagata actgctgaac aactcttaag agaggctaaa gaaagagaac 180
 ttgagcttct tccacctcca at 202

<210> 35685
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 35685
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 agtaaaggca aaaacagcta gacacaccag gtgtgtctgt ttgacattta taagccggc 119

<210> 35686
 <211> 50
 <212> DNA
 <213> Homo sapiens

<400> 35686

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50

<210> 35687

<211> 146

<212> DNA

<213> Homo sapiens

<400> 35687

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ccgccgctcc	ggacgtttgc	cytccc				146

<210> 35688

<211> 448

<212> DNA

<213> Homo sapiens

<400> 35688

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aaagtagatg	aggaaaatca	ggcacagaga	agtaaaggta	gggatagacc	caaatttaca	120
caacaagata	atggmahctc	cagcttttaa	gttgatcatc	aaaggctggg	ctggatttgt	180
cttgctgtat	gtgtcaggaa	atttatacct	attacatttt	ccattttctc	aaaatttaag	240
tcacatgact	aatatttagc	tgcaactttc	ctcataacaa	atagtgtcat	gaagaatgtt	300
gtagtgtgah	ntttgtacat	ttcagggtca	gatatacaat	atgdactctt	aatctacagg	360
aatgagaatg	gaggatcatt	gaaggccatg	atataaacia	atttgcattg	tgaagcctgt	420
ataaaacatg	gtacagttag	tgaatata				448

<210> 35689

<211> 194

<212> DNA

<213> Homo sapiens

<400> 35689

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gggagggagt	gtgatattgt	gaagtacaca	tttagtcttt	agtttgtttt	gtgctgctat	120
aacaatacc	gatagtgggt	aattttataa	cagaaattta	ttgccttaca	gttctggaag	180
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<210> 35690

<211> 411

<212> DNA

<213> Homo sapiens

<400> 35690

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cgragcccg	cgraggkcac	tatcmatatg	acaaaggctt	tgccgcagtt	catcttcctc	180
cctgtgtact	ttccatttgc	cttcctggaa	tcctgctgca	tcacagaagc	tggmagttct	240
gatgttccac	tgaaatcaca	atggaaagtc	ttgacttgac	tggtcacagt	aatgaaaggc	300
agtmatagac	atnaggmssa	ttcagcagaa	ggagaagggg	ttggaaaacg	acaaaaacga	360
aagtgtcttc	agtggtcatcc	attgctagca	aagmaacttc	ttgatttttc	a	411

<210> 35691

<211> 160

<212> DNA
 <213> Homo sapiens

<400> 35691
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 tggtttttaa tgataaagac attaagttaa caaacatata agaaatgtat gcactgtttg 120
 raatgtaava tatccttaga rcactttcaa tgggggttcc 160

<210> 35692
 <211> 93
 <212> DNA
 <213> Homo sapiens

<400> 35692
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 acctaatagc ncctaactcc tgcactcttt ggt 93

<210> 35693
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 35693
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 gcaagactgt gtcaatcgrk caataaaaca aaaatcaact cggagaacaa ctctgctcat 120
 ggtgattaca tgcraaataa cgaggagcrg sttartagrg caagctcaa tacctcagga 180
 cggacttacc gtggcacctc acagagca 208

<210> 35694
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 35694
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 ctaatccaat gtaactcgra amccattaag actttttgtg gccatggata caagagatgt 180
 tctcagagtc cccaggatc caaagttacc ccacagatag ccaaaagaaa gacaagcgcc 240
 ctccagagctg gtgatggctg gtaggatgtc agctgtcgcc gagtctgtgt tgctataaag 300
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 tata 364

<210> 35695
 <211> 132
 <212> DNA
 <213> Homo sapiens

<400> 35695
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 gctgttctct cagccctggt ctggaggaca tccaccacss cctttaagct tactargcct 120
 cctgttgcta at 132

<210> 35696
 <211> 341

<212> DNA
<213> Homo sapiens

<400> 35696
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gtcaatggtg gtgattccaa cttatgctct tcaccatgac ccaaagtact ggacagagcc 120
tgaggagtty ccgccctgaa aggtacaagt ctccagggaa atggagctca ccctgaccca 180
ggctgggtca agcatattct gcctctctta atctacatga caatcgtgtg gttgtgcaat 240
catttgcttg taagtctttt tatcacaaaa aagtgataat tatcaaactt taaaaaccac 300
agactagaaa aaacgaaact acatccatcc acagtccccg c 341

<210> 35697
<211> 322
<212> DNA
<213> Homo sapiens

<400> 35697
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tgttttgtag tttagcgact tccgtataca taaagggaca tattaatact ggttcatttg 120
taaattawta wttcatatag accactgtag tagataaaac tctatggtac acctgcttat 180
gtgttgccctc acactgtgtg tgattttgtt tcttttggtta agcagcactt atgtagactg 240
catttccaaa tgtgttgagc actcagagtg tagtcaacag taagttcttt taatgaatat 300
cagttttaat ttatagactg cc 322

<210> 35698
<211> 233
<212> DNA
<213> Homo sapiens

<400> 35698
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ggctggggac cgcgggtcgg gtccggtttc caggggggttc ctggtgctcg argctggcgg 120
cgaggaagga mcagatggcc tttgaggaat gtggctgtgt acttctccca ggaggagtgg 180
gggctcctgg acacagccca gagggccctg taccgccgcg tgatgctaga tga 233

<210> 35699
<211> 311
<212> DNA
<213> Homo sapiens

<400> 35699
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tataagatat acagatggca aaaaacacat gaaaatatgc tcaatatcag tagtcatcag 120
tgaaattgtg tacctgttag agtgactaaa aaaaatgatg ataccaagac atggtgaaga 180
tgacaagggg ctggatatct tacacgcact gttggttagga atgtaaaatg gtacagccac 240
gttggaanaa agttggcagt gtcttataaa gttaaacata catttaatat acgactcagt 300
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<210> 35700
<211> 229
<212> DNA
<213> Homo sapiens

<400> 35700

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ctaattagat	agagaggggc	tgtaggttc	ttgggatcct	gttcttcaac	tgcacacata	120
ccagcacaac	tactgttaaa	tttcttttgc	gcttttttcc	ccttttaggac	aaaaaaagga	180
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<210> 35701
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 35701						
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acatctttat	catttaagaa	acattttaaaa	atgggtattca	tttttatttc	aacatgtcaa	120
ctgtgcattt	ccaaaacagc	aggcttttca	aaggaataaa	tcagaactgt	aaacacaaga	180
cacagtacaa	gtttttgact	tcctacagtc	agtttcacaa	atccacatac	tgtacattca	240
taggtgaggt	taagcctgtc	acccatttct	ttatttctat	aattacacaa	gcataataaa	300
tacatctgat	tttaaaggtc	acaaa				325

<210> 35702
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 35702						
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aatccatgtg	acctccccgc	gcttaaagtg	tttccacgtt	acaggcgact	taaaggcagc	120
cctggagcct	gacgtataat	tcgagcgccg	atgcagaaaag	gagtcagggtg	ttttt	175

<210> 35703
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 35703						
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gggtgggggat	tctgtcctcc	atgaataacg	gcgccaggaa	ccttgggcga	tcttgagaaa	120
actccttcct	gtaacctctg	ttttccacgt	tggtatgtgt	ttaggccaca	gtcaggcctg	180
gctttttttt	tttttttttt	ttt				203

<210> 35704
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 35704						
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cttcagctc	tcctttttctc	ttatttggtc	ccttctaaat	acttgactcc	ctggggga	118

<210> 35705
 <211> 419
 <212> DNA
 <213> Homo sapiens

<400> 35705

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acaaagtcag	gcgttttgct	tttgagctca	agatgcagga	caaaagtagt	tatcycytgg	120
cagcagacag	tgaagtggaa	atggaaaatg	gatcacaatt	ctaaataaga	tcctccagct	180
caactttgaa	gctgcaatgc	aagaaaagcg	aaatggcgac	tctcacgaag	atgatgaaca	240
aagcaaattg	gaaggttctg	gttccggttt	agatagctac	ctgccggaac	ttgccaaagag	300
tgcaagagaa	gcagaaatca	aactgaaaag	tgaaagcaga	gtcaaacttt	tttatttgga	360
cccagatgmc	cagaagcttg	acttctcatc	agctgagcag	aagtgaagtc	atttgaaga	419

<210> 35706

<211> 158

<212> DNA

<213> Homo sapiens

<400> 35706

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ggaggggacc	gtcaggaagc	cgcgaacgcc	gccgagtgtc	tgcacacctc	gctctgcctg	120
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<210> 35707

<211> 110

<212> DNA

<213> Homo sapiens

<400> 35707

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<210> 35708

<211> 202

<212> DNA

<213> Homo sapiens

<400> 35708

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acggctacaa	tgggaggctg	aaggcagaac	caagaaaatg	ggagtgagta	tggaaaagggt	120
acgattcaga	cggcataatg	gacgggactt	ggagactgaa	ttgtagtggt	ccgaccacaa	180
aatgataagg	catggaagga	at				202

<210> 35709

<211> 126

<212> DNA

<213> Homo sapiens

<400> 35709

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tggctgttca	ayaatatgtc	ttataacatg	tcactaatgt	atctaatacag	tggacctggt	120
gtggat						126

<210> 35710

<211> 284

<212> DNA

<213> Homo sapiens

<400> 35710

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agaagtaact	gcagcggcag	cgcctcccga	ggaacaggcg	tcttccccga	acccttccca	120
aacctccccc	atccccctct	gcccttgctc	cctccccctc	tccccagccg	cctggagcga	180
ggggcagggg	tgagtctgtc	cctccggccg	gtccccagct	gcagtggctg	cccggtatcg	240
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<210> 35711

<211> 478

<212> DNA

<213> Homo sapiens

<400> 35711

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ctgaaggctg	tgagttgctt	tcaatgdgac	aacactatga	tgatcatttg	aaggatttgc	180
caggacagac	tgattctgag	tcctgggtgc	cgtatgtgta	tgccggcagt	ttgtcaggca	240
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ctaacacctg	actttagaaa	atgctgattt	gagaacaaaa	ggaaagggtct	tttttctactg	360
cttaaagtgg	ggtcactttg	atacctttgc	ggtcattgtct	gtgtctgatg	agtgtagaat	420
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<210> 35712

<211> 141

<212> DNA

<213> Homo sapiens

<400> 35712

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attagctggg	catagtggca	tgcatctgta	gtcccagtta	tttgggaggc	tgagggtggga	120
ggattgattg	agcctggggg	t				141

<210> 35713

<211> 270

<212> DNA

<213> Homo sapiens

<400> 35713

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gcggtacaca	cgctgtaat	cccaaagtgc	tggcattaca	ggtgtgagcc	accgtgcccg	120
gccaccagaa	tcctttggta	tagccaagcc	ttttggttac	cgccctcatga	agaatatgct	180
tcccgcattg	tcctagtccc	agttgtattc	tcacagggtgt	tatgtgcagg	acacaatcca	240
aatcataaac	ctggctcatg	cccaactagc				270

<210> 35714

<211> 122

<212> DNA

<213> Homo sapiens

<400> 35714

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gtgaaagaat	taccaggtca	ttgttaatga	cttagtctat	taagaatata	tgtatttttg	120
ta						122

<210> 35715

<211> 177
 <212> DNA
 <213> Homo sapiens

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 aaataattta ctgcctttgt ttctctctct ggtaacatct tcccaccaca tgtatttccc 120
 gccttagaga ttaaaaggca atcacccaaa accaacagtg gctaccctct ccggaca 177

<210> 35716
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 35716
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 atggacttcg gtgtataaca ttgcagcaag gctctagaaa tttcttaata gggctctggc 180
 agtttagggc ttcgagtgc a ttgaaattga attgtatgtg ttgtcaaaaa cttacagttt 240
 agtcaatttt ttgctaattc ctttgatgaa tcnntaatct ttttgggtt gtaattttct 300
 aatgtgtgaa ataagggtatt tttagacttc taaagcgccc ccc 343

<210> 35717
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 35717
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 actccagcct gggcaacaag agcaaaactc catctca 157

<210> 35718
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 35718
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 ttaatcttgc raaaatgama ctgtgtgtgt atattaaaca atcacgcccc attacttcct 180
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<210> 35719
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 35719
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 tttgcaaag tcccctgccc tctctgggtc tcggttccct cgctgtcca cgtgaggttg 180
 gaggagctga acgcccagct satttttagc taagagggag caggggtccc gagtcgcccg 240
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 <212> DNA
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<400> 35720
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<210> 35721
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 <212> DNA
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<400> 35721
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 attataggca gscata 136

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 <211> 105
 <212> DNA
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<400> 35722
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 <212> DNA
 <213> Homo sapiens

<400> 35723
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 aaattttatt atattcttaa aaaaaagaat aagtagtctc tatgaatttg aagggggctc 180
 ctgtgaataa agtgactaga aaacttgaca tcaaattgtg atactcagaa gacttttttg 240
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 ttatgcatac agtagctc 318

<210> 35724
 <211> 267
 <212> DNA
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 taagccggtc tgaaaagcgc aatattcggg tgggagtsac ccgattttcc agaattatag 180
 accaatccag caatgtggag atagcatctt ttccaatcta taagggtgta ttctgtgcac 240
 gtggacatga cggaacaaca gagcagc 267

<210> 35725
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 35725
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 gcaagaaata gttactcagt ttcactgttc agctgctgaa ggagatattg ccaagttaac 180
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 gtaaacattt taggctgtac cacctgaaag ggtttgtggg ttaatttctt tgttacatat 360
 ttacnttaaa attttgcttg tttccatatt tatattgttg aactactaaa taactcattg 420
 gctaatttat gtaaaaatgt agcacc 446

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 <211> 363
 <212> DNA
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<400> 35726
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 aaatamccht tgaagaagag aaacgttctg ttacccaaat aggcattctt ctgatggtga 180
 gaaaaggcgg taaaaggcag taaatctgcc ttctcattat gaagtgcaac aatagattga 240
 tttatgaaga aaagcaactg ttaggcttat ataagatgtg tgcattggaa tgcaggttcc 300
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 <212> DNA
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<400> 35727
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<210> 35728
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 35728
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 kaacatttgg gcagggacaa atatccaaac tttatcagtg tgttagagag aagtcaggcc 180
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<210> 35729
 <211> 214
 <212> DNA
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<400> 35729

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aagaaaattg	ttgttcattt	agggaggtgg	atattctgat	gaagatcttt	atcctaaacc	180
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<210> 35730

<211> 233

<212> DNA

<213> Homo sapiens

<400> 35730

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agagcttggg	gcttcagagt	agagtataca	gtcacttttt	atatttttct	gtctctctcc	180
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<210> 35731

<211> 91

<212> DNA

<213> Homo sapiens

<400> 35731

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<210> 35732

<211> 291

<212> DNA

<213> Homo sapiens

<400> 35732

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tcgttakttk	actgcagagc	atctagacaa	cttagtccct	ccagcgggaa	agtagcagca	180
gcagcattag	tcacagttct	tacactacag	atcttgtgaa	agagaccagt	ttgggtactaa	240
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<210> 35733

<211> 270

<212> DNA

<213> Homo sapiens

<400> 35733

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ggccatcaca	actggattgt	agctgcata	gcccattttg	ctgtgtgtta	cagaatcaaa	180
gaakcttcag	gatggcagca	agtgtttacg	agcccatatt	tggattggac	tatcgaacga	240
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<210> 35734

<211> 385

<212> DNA

<213> Homo sapiens

<400> 35734

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tacattgg	ta	cagccatt	gt	gaaaaaca	atggagg	ttc	tgcaaaaa	aaaa	aacaaaaa	act	180	
accatgtg	at	ccaacagt	ct	cactcctg	gg	tatatgc	ata	tatgacca	aaa	ggcagtga	tc	240
agtatttt	caa	agagatat	ct	gccactcg	ca	tatgttc	att	acagcatt	at	tcacaat	agt	300
caacatat	gg	aaacaa	actt	agcatcc	att	aatggat	gaa	taaagaa	agt	gtgatgt	ata	360
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<210> 35735

<211> 169

<212> DNA

<213> Homo sapiens

<400> 35735

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<210> 35736

<211> 220

<212> DNA

<213> Homo sapiens

<400> 35736

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ttgctcat	ca	ctctctct	gt	cttcccgt	gc	tggatg	cttc	cttcctct	cc	tcctgcc	cctt	120
ggacatca	ga	cttctggt	tc	tttggc	cctt	ggactct	ggg	acttgca	cca	gcggc	ctc	180
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<210> 35737

<211> 231

<212> DNA

<213> Homo sapiens

<400> 35737

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cttttgac	ac	ggctttg	gaa	acgacgt	cat	gtgttag	aat	tggagcg	tta	ttcagt	atat	120
taatgtct	ta	ttgata	atgg	cagaac	atcc	accact	actg	gataca	actc	agatct	taag	180
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<210> 35738

<211> 120

<212> DNA

<213> Homo sapiens

<400> 35738

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<210> 35739

<211> 109

<212> DNA

<213> Homo sapiens

<400> 35739

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<210> 35740

<211> 368

<212> DNA

<213> Homo sapiens

<400> 35740

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tctcatgtag	ttcagacctt	gtctcttctg	ccccatctgg	ctacttatct	ccagtttctc	180
ctgccagtct	tccggtggca	tagcccaaaa	ccctttcatt	tcatagtttg	tactgcct	240
ttttaagagg	actggggtgc	tcagaactta	ttggctgacc	ctagctcttc	ctttggcctg	300
gtcactatat	ttgaaaagtg	ctacctgaaa	tcataagagc	ttttttgttt	tgtttttaac	360
agccatgt						368

<210> 35741

<211> 420

<212> DNA

<213> Homo sapiens

<400> 35741

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gccagcctgg	gtccaggaag	tgggcagctg	ccacagaggg	gcctccgagg	ctagctgcct	240
cctaacttcc	tcacggcaca	ccattctgcc	gtcctgagtc	ttctcaaggt	tggaaggtgc	300
ccagatccag	ggagatgggtg	ctggctcttt	ggtggctgtg	gagtgtccag	acagatgagc	360
tggaatccct	cagtttctct	gcctctcctg	tcaagttggg	gtagcactgc	ttggactctt	420

<210> 35742

<211> 224

<212> DNA

<213> Homo sapiens

<400> 35742

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tataaatagt	atgataaatg	cacagacaat	tgcagttaat	tcttttttaa	gctaggatat	120
ttgaaatgac	aacctttggt	taagtgtgtc	aagggtgcaa	cagaattttc	acaatttttt	180
tgttgtttgc	aaattgttac	taatattgaa	gaggtaaggg	aggc		224

<210> 35743

<211> 471

<212> DNA

<213> Homo sapiens

<400> 35743

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agagaatttt	tataaaccca	gaggccctct	tagtctcctt	taagtcatta	tcatcgatgc	120
cctgatgcct	gcgtagtgag	tcttctgatt	tctagaactg	tagactaatt	ttgcctgatt	180

tggattttgt	gtaaattggaa	tcatacactg	tgtattcttg	catatctggt	ttctttgact	240
cagtgtttgt	tgtgagactt	tgtgtttgtg	tgtacagttg	taactggagt	ttccattgct	300
tagtagtatt	atgtgatata	tcataatgta	tttaagttaa	aagactgagt	tttaggggat	360
gtgtctgtat	tcatttgcta	gggctgccgt	aacaagtatc	acagatagag	tggcttaaac	420
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<210> 35744

<211> 260

<212> DNA

<213> Homo sapiens

<400> 35744

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cttaagacta	ccaagaaaac	aaaaatttta	aaaatcttct	tcagccggtc	aggcgcagtg	120
gctcacggct	gtaatcccag	cacttgggga	ggctgaggcg	ggtggatcac	gaggtcagga	180
gttcaacacc	agcctggcca	acatggtgaa	acgtcgtctc	tactaaaaat	acaaaaatta	240
gctgggcatt	gtggcgcgct					260

<210> 35745

<211> 132

<212> DNA

<213> Homo sapiens

<400> 35745

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gggggttagtc	ctgggggtgga	ggctctgggca	cgccgggtcg	gacccccctcc	atcttcggtt	120
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<210> 35746

<211> 278

<212> DNA

<213> Homo sapiens

<400> 35746

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caacactaag	gctcctctgt	cagaggaggt	cgtcttgttt	ttgcttcatt	gcatgacata	180
acccttcccc	tcaagctggt	cctatatata	catgcacaca	caaaataagc	cagacagatn	240
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<210> 35747

<211> 217

<212> DNA

<213> Homo sapiens

<400> 35747

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tacacagatg	aagtccaact	tcgaaaagaa	gatgcaaagg	cagcatgaac	ttagttagag	120
ctgtagtgca	agtgcccttc	aggcvagatt	gaaagtagct	gcacatgaag	ctgaggaaga	180
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<210> 35748

<211> 212

<212> DNA

<213> Homo sapiens

<400> 35748

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cagactggag	tgtaatggcg	tcactctggc	tcactgcaac	ctccacctct	tgggctcaag	120
cagttctcct	gcctcagcct	cctgagtagc	tgggattaca	ggcgcccacc	accatgcctg	180
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<210> 35749

<211> 466

<212> DNA

<213> Homo sapiens

<400> 35749

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gctgcgctcg	gccttctttg	attttatatt	attaggagca	aaagtaaag	aagcccagga	180
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gccgtgcttg	ctcctcttac	ctgcccgggt	ggtttggggg	tgttggtgtt	tcctccctgg	300
agaagatggg	ggaggctgtc	ccactcccag	ctctggcaga	atcaagctgt	tgcagcagtg	360
ccttcttcat	ccttccttac	gatcaatcac	agtctccaga	agatcagctc	aattgctgtg	420
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<211> 154

<212> DNA

<213> Homo sapiens

<400> 35750

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gctggcgggc	gcggcgggcg	cgaaagaaga	agaaagtcag	ggcccgtacc	taccgccaca	120
gactcagaaa	cgcccctgcc	cccatctccc	caaa			154

<210> 35751

<211> 123

<212> DNA

<213> Homo sapiens

<400> 35751

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tat						123

<210> 35752

<211> 460

<212> DNA

<213> Homo sapiens

<400> 35752

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cagaagccac	ccacttgctg	ttttgaatga	ctctactagt	atgagaagga	tgtgaagggtg	180
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cctgccttcc	tcaggaaacc	tgaccggnag	gggctctctg	gcttcttgaa	agcttcacct	360
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<210> 35753
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 <212> DNA
 <213> Homo sapiens

<400> 35753						
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ggktcyrag	cagrgcataa	tgggaaatat	cagaaatgtc	tcattgggaga	tgctttctgg	180
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ggtaatccct	cattcaggat	taccaaatta	taattttccct	aactrgatca	cctgaaactc	300
cagtgttacc	ttacttggtt	acaaaaactg	cctttcacca	gtcaggccac	ctggatctga	360
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<210> 35754
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 35754						
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agcagggtgct	gatgtggatg	cagcagataa	ccggaaaatc	acacct		106

<210> 35755
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 35755						
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taccrgktgr	aakgtwacac	agcaataara	ataaaaaataa	acagtatagc	tacctacaac	180
ctcaatgagt	ggtaagggtc	aatagggttt	cgcacatgta	atttttttaa	agcgcttttc	240
tgtgttgtat	ttcccaataa	tagtacctgc	aagggttaagg	ttgtttttcc	ttgtgttctc	300
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<210> 35756
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 35756						
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ttgtgcccag	accacaatat	ttcttcttcc	tcagggacta	catgccacag	acctgtatcc	180
ccagtggcaa	ctcctgttag	ctcccaaact	taaacagtga	tctcttctaa	atatacaagg	240
catctaccca	gccccaatag	tgaataaaa	tcacaaattt	aagttcaaca	ccct	294

<210> 35757

<211> 313
 <212> DNA
 <213> Homo sapiens

<400> 35757
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 ggrgttakck ccggtccttc cctgmaggca aaaccccagt cccagctgga gaggaaragg 180
 gkrasctggg rgawtaccgg caaaaskycc ccawgttctt ggrgatttcc agctactatg 240
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<210> 35758
 <211> 96
 <212> DNA
 <213> Homo sapiens

<400> 35758
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 ctccgtccca cctccagccg aatagaaggc ctgctc 96

<210> 35759
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 35759
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 ctgctgtaca aaccagggcg agaagaagaa cgccctggcc caatatcagg agatggagaa 180
 gaaagtcagc ctactcaagg acaatagctc tctggaattt gactctgaga tggaggagat 240
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 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 35760
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 tcttcatggg ttgctccctg gtatcattca ggtctctgct cagatgtccc tgacaccaag 180
 aggccactgt cagccttgta caggaacaca caccaccaac ac 222

<210> 35761
 <211> 337
 <212> DNA
 <213> Homo sapiens

<400> 35761
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 cttctgtgtg tggctctgcta agccatttgc ctttccgcca ctttcagtct ttgtggattg 180
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ggtttccatg atttaagtgt gattttctcag agatgaacag gcagagagat ccttgyatgt 300
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<210> 35762
<211> 181
<212> DNA
<213> Homo sapiens

<400> 35762
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catgatggtc tgagatgggtg tagcgtcgga ccatgtggaa gtttctgagg ctggggagcc 120
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c 181

<210> 35763
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<212> DNA
<213> Homo sapiens

<400> 35763
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ctgggaggcg gasttgcagt gagtggagat cgcgccactg cactccagcc tgggcgacag 180
tgagactccg actcaaaaaa aagactatca tgattctgcc tgccatggat cagctatccc 240
ttttgaaatg aagacaac 258

<210> 35764
<211> 200
<212> DNA
<213> Homo sapiens

<400> 35764
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gaaaactatt tagtatacta attatattaa accagcagaa atataaaggc aataaagtat 180
atacatatat ataggggggc 200

<210> 35765
<211> 159
<212> DNA
<213> Homo sapiens

<400> 35765
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atgggcaggg ccgaagggtcc gcgtgtaaaa gtaccagtc actggtaacc tgacacttcc 120
cttttaaaag ccaccttttg tctatctctg gcccgccac 159

<210> 35766
<211> 228
<212> DNA
<213> Homo sapiens

<400> 35766
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tagatacttt	gtaattgcta	ctttctctaa	tggattgtat	gtatatatga	tttgaggtat	180
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<210> 35767
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 35767						
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tagggaastc	wcgraggatt	gcttgacatc	argagacttg	ggggggattg	tagcasacgt	180
ctgggctttt	ccccaccag	agaatagccc	ccttcgatac	acatcagctg	gattttcaaa	240
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<210> 35768
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 35768						
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ctgtctccat	gcccttgaca	gaaataaaaat	atcttgtttg	agttattaaa	tttgggggtca	180
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<210> 35769
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 <212> DNA
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ggaaac						126

<210> 35770
 <211> 218
 <212> DNA
 <213> Homo sapiens

<400> 35770						
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cagsctgggg	tamcagaggg	agactcctcc	gtctcaaaaa	aataaataaa	taaacttgtg	180
agctggcccc	aacccttsnt	aggaatcaca	gctcccc			218

<210> 35771
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 35771

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tamctacatg	aaatcttcat	gaagaggcaa	catctctaag	tgcccttgca	agagccttta	180
acttggcgga	staaggagat	cttattctac	catgggacat	aaggagcatc	cactgcacaa	240
acccttaatg	aacactgtct	tttcatggat	tcaaggaatt	ccagttttat	ctattaagat	300
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<210> 35772

<211> 205

<212> DNA

<213> Homo sapiens

<400> 35772

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aaamcywarg	aaaatcatca	aatattaggg	gtgcttctga	attgatttat	ctgcagttta	180
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<210> 35773

<211> 155

<212> DNA

<213> Homo sapiens

<400> 35773

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<210> 35774

<211> 124

<212> DNA

<213> Homo sapiens

<400> 35774

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<210> 35775

<211> 178

<212> DNA

<213> Homo sapiens

<400> 35775

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<210> 35776

<211> 57

<212> DNA

<213> Homo sapiens

<400> 35776

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<210> 35777

<211> 168

<212> DNA

<213> Homo sapiens

<400> 35777

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ggcagctttc tcagagtact atatattttc aacagtaaag tagcagagtt tctctttgaa 120
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<210> 35778

<211> 189

<212> DNA

<213> Homo sapiens

<400> 35778

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tgcacttggg gccttycma cccgatcata gggcagaaag gccattccct gaggaagatc 180
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<210> 35779

<211> 291

<212> DNA

<213> Homo sapiens

<400> 35779

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taacttaaat taagaatcca cttatgaatg ctgcattcag gagcacttgt gaaaataaac 180
gatggcatgc ccaccattta gtttgccaag ctttccttga aaacgcaggt gcaaactgaa 240
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<210> 35780

<211> 119

<212> DNA

<213> Homo sapiens

<400> 35780

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<210> 35781

<211> 231

<212> DNA

<213> Homo sapiens

<400> 35781

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cacgtgtgta wgtgtawgtg tgtgtgtatg tgggtatatt tgtgtatata catgtttgta 180
catacattat gtgtgtgtgt atatacgctt tgtcttatct gtaatggccg a 231

<210> 35782
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 35782
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 aatatataca caacaaaact ctccgtttat ggaacatgcg catttggtct cagtaagttt 120
 ttcgttttga aagtgagsat gcgcatgggtg agtaggttgg tccgaagttt gaaccggaca 180
 gaagcgcgtgg tcggcgtctg gcggttggtt ttagaggtaa tacacctagt ttgtggctca 240
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<210> 35783
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 35783
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 cagcycttwa gtggaaatga ccttacccaa tscattwatc ctcttcatac ttycaatata 180
 aaatgttatg agtaaagggg aaaagccarg attttttagg gtgaacaagt ggawtggagt 240
 yyttgttttt taaaatgttg wctgctatgc ttttwaaagc 280

<210> 35784
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 35784
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<210> 35785
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 35785
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 agtagagcca ctgtgtaagg ctgcacttgt tatgtactgc agaagccagg ggwgccatca 180
 gtagacctca ttgtgagcag gcccggtgtcc caaattgcat gggagccct tgtccactaa 240
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 aggcagcctt ggtggtttca ctgcttcata gttcagtgcc ccaggggtga gtgcagcatc 360
 agggat 366

<210> 35786
 <211> 138
 <212> DNA
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<400> 35786
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aggcagggga gagcctcgga cgtkgtgstt kkcttcgyyg agtkkgaagg atacctccaa 120
aagcagccat actttgga 138

<210> 35787
<211> 120
<212> DNA
<213> Homo sapiens

<400> 35787
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<210> 35788
<211> 215
<212> DNA
<213> Homo sapiens

<400> 35788
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atgaaaacaa cgtcagggaa ttttgcaatg ttattgattg taatcaagaa aatagttgtg 180
caagaactga tgcgattttt accccttacc ccggc 215

<210> 35789
<211> 59
<212> DNA
<213> Homo sapiens

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<210> 35790
<211> 199
<212> DNA
<213> Homo sapiens

<400> 35790
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gctgtcggaa aatgtccaga ggcaccatcc ctgctatgca gagggmatgc hagtacaaca 120
gccacaagg gtcttcmtgt ggccctcaa caaaaaatca ctgcattaca tcagcagact 180
gcattggaga gaaaggcgc 199

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<211> 309
<212> DNA
<213> Homo sapiens

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 <212> DNA
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<210> 35794
 <211> 266
 <212> DNA
 <213> Homo sapiens

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 gttttattat gtgtgtgtgc ttttcctaga tgtcccagtt agctgtgctg agatatacct 180
 gtactattta tggtttaagt tttgattctt aggtattttc tccagctctg acattgtttt 240
 ccaaagacac actaaactgc attgca 266

<210> 35795
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 35795
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 gtctgtttaa ttttaattcc taaatatctt ttaaatttat tttttcctgt gtcac 175

<210> 35796
 <211> 131
 <212> DNA
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<400> 35796
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 ttcagagaat t 131

<210> 35797
 <211> 273
 <212> DNA
 <213> Homo sapiens

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 tagtaaacct ggccctctca gcagttgacg cct 273

<210> 35798
 <211> 58
 <212> DNA
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<400> 35798
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 <212> DNA
 <213> Homo sapiens

<400> 35799
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 cac 303

<210> 35800
 <211> 206
 <212> DNA
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 tagctgagcc cccagagcct ctctggaaga gaaaggaaga gccagcagtt ctttctccca 180
 ggntccgacc tcaccgtcca gcgtca 206

<210> 35801
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 35801
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 atacttattt aacttgtctt ctgattcat gttgcttata ttttaactat tgagcnagtt 180

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<210> 35802
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 <212> DNA
 <213> Homo sapiens

<400> 35802			
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<210> 35803
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 <212> DNA
 <213> Homo sapiens

<400> 35803			
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caggtttaam cvaccaagga	ctctgagagc tggcagggtc	gagtaaccct ggtaacaatt	180
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agtggcaggg ctgaggaccc	aaagtcattt cccagggtgg	cggagaataa actgccaggg	300
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<210> 35804
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 <212> DNA
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<400> 35804			
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acatcrtaky ggggtgvrcc	cagaactgtc ttctgaggaa	gaggtgctct cctgggcccc	180
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 <212> DNA
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<211> 421
 <212> DNA
 <213> Homo sapiens

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 ggggccagg gcaagtggct acgcctgtaa tcccagcact ttgggaggct gaggcagtgg 300
 atcacgaagt caagagatcg agaccatcgt ggccaacatg gtgaaacca tctctactaa 360
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 c 421

<210> 35807
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 35807
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 tcccacgt 68

<210> 35808
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 35808
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 agkgktgaaa actttatttt akgtatttaa ttttattaaa tatcatataa tatattttga 180
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<400> 35809
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 <212> DNA
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 <211> 310
 <212> DNA
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<400> 35811
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 aattgcta atgtcttagt tattaacgca ggctcatcag ggccccccct tggaaatatt 240
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<210> 35812
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 <212> DNA
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<400> 35812
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<210> 35813
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 <212> DNA
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<400> 35813
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<400> 35814
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<210> 35815
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<400> 35815
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 ccaataaggc acaggcaacc aaagcaaaaa tggacaaatg ggatcacatc aagttaaaag 180

ctgcggtca	gcaaaggata	cgattaacaa	agtggggaga	caacccatag	aatgggagaa	240
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ggatgctggt	cttaciaaagc	tcctattcac	atgaacccta	tggttaatta	gaaagaactt	240
gctgtctcca	gaaaagggaa	tggaataaat	aactatgtat	cttcttttca	tgtaatttgg	300
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tagaccgact	tctagcagta	cgagaacgtg	gatgaagact	cttcggactc	agatgccact	300
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365

<210> 35820

<211> 187

<212> DNA

<213> Homo sapiens

<400> 35820

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tcytttttct	tgtggcagcg	tgttgctaaa	gcgcttacag	agacactggt	acatcaaaca	180
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<210> 35821

<211> 156

<212> DNA

<213> Homo sapiens

<400> 35821

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<210> 35822

<211> 228

<212> DNA

<213> Homo sapiens

<400> 35822

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gcatgatata	tttaattgtt	tgaggaaaaa	taatcactaa	ctctgtatta	tagccagata	180
aaagtatact	tcaaaagtga	gagtgaagta	aagacatttc	cagacggc		228

<210> 35823

<211> 470

<212> DNA

<213> Homo sapiens

<400> 35823

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aagattctta	atacctattt	tctgtgtcta	atacttggtt	aatactaaaa	atagaaatga	180
ctaaattaca	tcacagaaag	cataaccagt	gattgaacct	ggtagtttta	aagctctaaa	240
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ttcatcagtg	gattctccta	aattaagcca	aattttgaaa	tacatgacta	ttaagtttct	360
actcatgtat	ttacagtcag	tcaataaatt	aaaggaggaa	aaaaatccct	gaacaacctg	420
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<210> 35824

<211> 102

<212> DNA

<213> Homo sapiens

<400> 35824
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<210> 35825
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 <212> DNA
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<400> 35825
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<210> 35826
 <211> 396
 <212> DNA
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<400> 35826
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 tcttggcaga gtaatgtaaa atttaaattg ggaaag 396

<210> 35827
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 <212> DNA
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<400> 35827
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<210> 35828
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 35828
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 tggctgtgag ctttacatga attatgacat ggcagcactt agaacagtag atggctctgc 240
 caggatagg ggctcatgcc tgtaatctca gcactttggg aggctgaggc tgggtggacca 300
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<210> 35829
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 <212> DNA
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<400> 35829

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atkggctyca cctgggtgaag agctggctga aaaagacgac atcaagtacc gtacctctat	180
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<210> 35830

<211> 197

<212> DNA

<213> Homo sapiens

<400> 35830

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rcgtgtgkttt ccttaaaaaa aaatcacagt tacttctaaa ccagatttca tttcttttat	180
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<210> 35831

<211> 215

<212> DNA

<213> Homo sapiens

<400> 35831

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atttgaaaag gtttcttttag taattttaag gactgrccag tttagacact gctttgttag	180
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<210> 35832

<211> 70

<212> DNA

<213> Homo sapiens

<400> 35832

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<210> 35833

<211> 375

<212> DNA

<213> Homo sapiens

<400> 35833

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aacttccccg taggtcttga tatgtgkktg agcatttcat gttcctcacg ttgtaatcct	300
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<210> 35834

<211> 340

<212> DNA
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kgatggacag ttaaaaagat agctagtgtg tattgttatg ggtcagtact tattagtact 180
tccaaaattg aatttgaaat gctatgtatt cactttttcac tctgtaaatg taattcttta 240
caatgacttt atttattaaa gggcagccag ttgtcatttt tacaggattg tgtgagctat 300
tcaaactctt caaccctga acagggtatt aagcttccaa 340

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<212> DNA
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ataaaagagt gagaatgaag cagatgaaag acagttttta aaaatggcca acatatttct 180
ataatttaat ttgaaacat gaatctttga tttacaaatc ccagaaacta rgtgaaacca 240
agcaggagt 249

<210> 35836
<211> 223
<212> DNA
<213> Homo sapiens

<400> 35836
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<210> 35837
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<212> DNA
<213> Homo sapiens

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cgatagtgcac taaaaattaa gtaaatgtga tcatgacc 278

<210> 35838
<211> 56
<212> DNA
<213> Homo sapiens

<400> 35838
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<210> 35839
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 35839
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 tkttcctcac cgacagtacc atcatgcctt gagtgttctt ttctcccaag tgctatkcct 180
 taaacacgag agttt 195

<210> 35840
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 35840
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 gtaagcttaa gc 72

<210> 35841
 <211> 98
 <212> DNA
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<400> 35841
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<210> 35842
 <211> 169
 <212> DNA
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<210> 35843
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 <212> DNA
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<400> 35843
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 <212> DNA
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<400> 35844

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taatatgaaa	acatacatcg	gatatgtaaa	aaacacaaca	aaattcttaa	tgtacacagt	180
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<210> 35846
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 <213> Homo sapiens

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<210> 35847
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 <212> DNA
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<400> 35847						
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ca						242

<210> 35849
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<212> DNA
 <213> Homo sapiens

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 ctccTgacct caggTgatcc acccgCcttg gcctcccaaa gtgctgggat tacaggTgtg 180
 agcccagccc cac 193

<210> 35850
 <211> 209
 <212> DNA
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<400> 35850
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 attaatgata accagtgtt gctgtaacca gttatgtgca ttattttatt ggatttaatt 180
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<210> 35851
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 <212> DNA
 <213> Homo sapiens

<400> 35851
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 aggaaagaag gttgaggcta aggaagatgc aatgtggcta tgtatatagg ttctacaatt 180
 taaaaattaa aaatggaatg ggagggT 207

<210> 35852
 <211> 465
 <212> DNA
 <213> Homo sapiens

<400> 35852
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 aaaatctgr acgtttTcaa cttttcctta acttgtaaTt aaaaaattgt aagttttttc 420
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<210> 35853
 <211> 235
 <212> DNA
 <213> Homo sapiens

<400> 35853
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tctttatata ttgtgtndcc aaaaacatag attaataatt ttttaacaca tkcgtctctt 180
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<210> 35854
 <211> 275
 <212> DNA
 <213> Homo sapiens

<400> 35854
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